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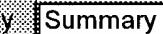
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L1 23553 PRESENILIN

=> S L1 AND potentiation  
49 FILES SEARCHED...  
L2 236 L1 AND POTENTIATION

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PROCESSING COMPLETED FOR L2  
L3 122 DUP REM L2 (114 DUPLICATES REMOVED)

=> D L3 1-122

L3 ANSWER 1 OF 122 USPATFULL on STN  
AN 2004:7427 USPATFULL  
TI Potential growth factors from the human tumour cell line ht 1080  
IN Minger, Stephen L., London, UNITED KINGDOM  
Adams, Gregor, London, UNITED KINGDOM  
Francis, Paul, London, UNITED KINGDOM  
McClure, Myra, London, UNITED KINGDOM  
PI US 2004005661 A1 20040108  
AI US 2003-344503 A1 20030708 (10)  
WO 2001-GB3523 20010806  
PRAI GB 2000-19705 20000810  
DT Utility  
FS APPLICATION  
LN.CNT 1664  
INCL INCLM: 435/069.100  
INCLS: 435/226.000; 435/320.100; 435/366.000; 530/350.000; 536/023.200  
NCL NCLM: 435/069.100  
NCLS: 435/226.000; 435/320.100; 435/366.000; 530/350.000; 536/023.200  
IC [7]  
ICM: C12N009-64  
ICS: C07H021-04; C12N005-08; C07K014-47; C12P021-02  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 2 OF 122 USPATFULL on STN DUPLICATE 1  
AN 2003:30224 USPATFULL  
TI Methods of identifying agents that affect cleavage of amyloid-beta precursor protein  
IN Sudhof, Thomas C., Dallas, TX, UNITED STATES  
Cao, Xinwei, Dallas, TX, UNITED STATES  
PA THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER AT DALLAS (U.S. corporation)  
PI US 2003022171 A1 20030130  
US 6649346 B2 20031118  
AI US 2001-821861 A1 20010330 (9)  
DT Utility  
FS APPLICATION  
LN.CNT 1538  
INCL INCLM: 435/006.000  
INCLS: 435/368.000; 435/320.100  
NCL NCLM: 435/006.000  
NCLS: 435/091.100; 435/320.100; 435/325.000  
IC [7]  
ICM: C12Q001-68  
ICS: C12N005-08; C12N015-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 122 USPATFULL on STN  
AN 2003:329826 USPATFULL  
TI Genes involved in immune related responses observed with asthma  
IN Groot, Pieter Cornelis, Den Haag, NETHERLANDS  
van Bergenhenegouwen, Bram Jeroen, Utrecht, NETHERLANDS  
van Oosterhout, Antonius Josephus Maria, Utrecht, NETHERLANDS  
PI US 2003232037 A1 20031218  
AI US 2003-369214 A1 20030215 (10)  
RLI Continuation of Ser. No. WO 2001-NL610, filed on 16 Aug 2001, UNKNOWN  
PRAI EP 2000-202867 20000816  
DT Utility  
FS APPLICATION  
LN.CNT 3285  
INCL INCLM: 424/093.210  
INCLS: 435/006.000; 536/023.200; 424/085.100  
NCL NCLM: 424/093.210  
NCLS: 435/006.000; 536/023.200; 424/085.100  
IC [7]  
ICM: A61K048-00  
ICS: C12Q001-68; C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 122 USPATFULL on STN  
AN 2003:304329 USPATFULL  
TI Neurosteroids as markers for alzheimer's disease  
IN Papadopoulos, Vassilios, North Potomac, MD, UNITED STATES  
Brown, Rachel C., Tucson, AZ, UNITED STATES

PI Cascio, Caterina, Lucca Sicula, ITALY  
US 2003213746 A1 20031120  
AI US 2003-181255 A1 20030213 (10)  
WO 2001-US2476 20010126  
DT Utility  
FS APPLICATION  
LN.CNT 1659  
INCL INCLM: 210/634.000  
INCLS: 210/656.000; 436/161.000; 436/063.000; 436/178.000; 436/175.000  
NCL NCLM: 210/634.000  
NCLS: 210/656.000; 436/161.000; 436/063.000; 436/178.000; 436/175.000  
IC [7]  
ICM: B01D011-00  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 122 USPATFULL on STN  
AN 2003:282611 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)  
PI US 2003198954 A1 20031023  
AI US 2001-1142 A1 20011114 (10)  
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING  
PRAI WO 2001-IB1715 20010806  
US 2001-305456P 20010713 (60)  
US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25681  
INCL INCLM: 435/006.000  
INCLS: 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 122 USPATFULL on STN  
AN 2003:265302 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2003186317 A1 20031002  
AI US 2001-971782 A1 20011009 (9)  
PRAI US 2000-240790P 20001017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3143  
INCL INCLM: 435/007.100  
INCLS: 435/007.900  
NCL NCLM: 435/007.100  
NCLS: 435/007.900  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-542  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 122 USPATFULL on STN  
AN 2003:258327 USPATFULL  
TI Modulating lymphoid commitment and survival  
IN Pear, Warren S., Philadelphia, PA, UNITED STATES  
Allman, David, Havertown, PA, UNITED STATES  
He, Yiping, Philadelphia, PA, UNITED STATES  
Izon, David J., Wembley, AUSTRALIA  
Aster, Jon C., Lexington, MA, UNITED STATES  
PI US 2003181380 A1 20030925  
AI US 2003-385591 A1 20030310 (10)  
PRAI US 2002-363018P 20020308 (60)  
DT Utility  
FS APPLICATION

LN.CNT 3669  
INCL INCLM: 514/012.000  
NCL NCLM: 514/012.000  
IC [7]

ICM: A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 122 USPATFULL on STN  
AN 2003:257733 USPATFULL  
TI Novel human Delta3 compositions and therapeutic and diagnostic uses therefor  
IN McCarthy, Sean A., San Diego, CA, UNITED STATES  
Gearing, David P., East Doncaster, AUSTRALIA  
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2003180784 A1 20030925  
AI US 2003-417719 A1 20030417 (10)  
RLI Continuation of Ser. No. US 2000-568218, filed on 9 May 2000, PENDING  
Continuation-in-part of Ser. No. US 1997-872855, filed on 11 Jun 1997,  
GRANTED, Pat. No. US 6121045 Continuation-in-part of Ser. No. US  
1997-832633, filed on 4 Apr 1997, ABANDONED

DT Utility

FS APPLICATION

LN.CNT 11165

INCL INCLM: 435/006.000  
INCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000;  
536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/007.100; 435/069.100; 435/320.100; 435/325.000; 530/350.000;  
536/023.500

IC [7]

ICM: C12Q001-68

ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06; C07K014-705

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 9 OF 122 USPATFULL on STN  
AN 2003:244219 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)  
PI US 2003170628 A1 20030911  
AI US 2001-999570 A1 20011114 (9)  
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING  
PRAI WO 2001-IB1715 20010806  
US 2001-305456P 20010713 (60)  
US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)

DT Utility

FS APPLICATION

LN.CNT 25549

INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000;  
530/388.100; 536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000;  
530/388.100; 536/023.500

IC [7]

ICM: C12Q001-68

ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06; C07K014-47

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 10 OF 122 USPATFULL on STN  
AN 2003:238736 USPATFULL  
TI 14715, a human fringe family member and uses thereof  
IN Kapeller-Libermann, Rosana, Chestnut Hill, MA, UNITED STATES  
Anderson, Karen L., Watertown, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2003166894 A1 20030904  
AI US 2002-141604 A1 20020508 (10)  
PRAI US 2001-289894P 20010509 (60)

DT Utility

FS APPLICATION

LN.CNT 4683

INCL INCLM: 536/023.100

NCL NCLM: 536/023.100

IC [7]  
ICM: C07H021-02  
ICS: C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 11 OF 122 USPATFULL on STN  
AN 2003:232533 USPATFULL  
TI Modulation of DENN-MADD expression and interactions for treating neurological disorders  
IN Miller, Carol A., San Marino, CA, UNITED STATES  
Villar, Keith Del, Los Angeles, CA, UNITED STATES  
PI US 2003162734 A1 20030828  
AI US 2002-187264 A1 20020628 (10)  
PRAI US 2001-301608P 20010628 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2629  
INCL INCLM: 514/044.000  
INCLS: 514/341.000; 514/410.000  
NCL NCLM: 514/044.000  
NCLS: 514/341.000; 514/410.000  
IC [7]  
ICM: A61K048-00  
ICS: A61K031-4439; A61K031-407

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 122 USPATFULL on STN  
AN 2003:231986 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)  
PI US 2003162186 A1 20030828  
AI US 2002-154678 A1 20020522 (10)  
PRAI US 2001-293574P 20010525 (60)  
US 2001-298698P 20010615 (60)  
US 2001-302277P 20010629 (60)  
US 2001-305456P 20010713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25533  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 122 USPATFULL on STN  
AN 2003:225673 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE (non-U.S. corporation)  
PI US 2003157485 A1 20030821  
AI US 2001-992095 A1 20011113 (9)  
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING  
PRAI WO 2001-IB1715 20010806  
US 2001-305456P 20010713 (60)  
US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25484  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 435/226.000; 800/008.000;  
536/023.200; 530/388.260; 435/007.200  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 435/226.000; 800/008.000;  
536/023.200; 530/388.260; 435/007.200  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-53; G01N033-567; A01K067-00; C07H021-04; C12N009-64;

C12P021-02; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 122 USPATFULL on STN  
AN 2003:220740 USPATFULL  
TI Methods and compositions for diagnosing and treating rheumatoid arthritis  
IN Pittman, Debra D., Windham, NH, UNITED STATES  
Feldman, Jeffrey L., Arlington, MA, UNITED STATES  
Shields, Kathleen M., Harvard, MA, UNITED STATES  
Trepicchio, William L., Andover, MA, UNITED STATES  
PI US 2003154032 A1 20030814  
AI US 2001-23451 A1 20011217 (10)  
PRAI US 2000-255861P 20001215 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25385  
INCL INCLM: 702/020.000  
NCL NCLM: 702/020.000  
IC [7]  
ICM: G06F019-00  
ICS: G01N033-48

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 122 USPATFULL on STN  
AN 2003:194512 USPATFULL  
TI Methods of identifying agents that affect cleavage of amyloid-beta precursor protein  
IN Sudhof, Thomas C., Dallas, TX, UNITED STATES  
Cao, Xinwei, Dallas, TX, UNITED STATES  
PA Board of Regents, The University of Texas System (U.S. corporation)  
PI US 2003134323 A1 20030717  
AI US 2003-356456 A1 20030131 (10)  
RLI Continuation of Ser. No. US 2001-821861, filed on 30 Mar 2001, PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 2522  
INCL INCLM: 435/006.000  
INCLS: 435/007.200; 435/069.100; 435/320.100; 435/368.000; 435/226.000;  
536/023.200  
NCL NCLM: 435/006.000  
NCLS: 435/007.200; 435/069.100; 435/320.100; 435/368.000; 435/226.000;  
536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-53; G01N033-567; C07H021-04; C12N009-64; C12P021-02;  
C12N005-08

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 122 USPATFULL on STN  
AN 2003:173258 USPATFULL  
TI Potassium channel interactors and uses therefor  
IN Rhodes, Kenneth, Neshanic Station, NJ, UNITED STATES  
Betty, Maria, Moorestown, NJ, UNITED STATES  
Ling, Huai-Ping, Princeton Junction, NJ, UNITED STATES  
An, Wenqian, Framingham, MA, UNITED STATES  
PA Millennium Pharmaceuticals, Inc. (U.S. corporation)  
PI US 2003119102 A1 20030626  
AI US 2002-106989 A1 20020325 (10)  
RLI Division of Ser. No. US 1999-399913, filed on 21 Sep 1999, GRANTED, Pat.  
No. US 6361971  
PRAI US 1998-110033P 19981125 (60)  
US 1998-109333P 19981120 (60)  
US 1998-110277P 19981130 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 9063  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM: C12P021-02  
ICS: C12N005-06; C07K014-47; C07H021-04

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 17 OF 122 USPATFULL on STN  
AN 2003:159316 USPATFULL  
TI Methods of identifying agents that affect cleavage of amyloid-beta precursor protein  
IN Sudhof, Thomas C., Dallas, TX, UNITED STATES  
Cao, Xinwei, Dallas, TX, UNITED STATES  
PI US 2003108929 A1 20030612  
AI US 2002-266325 A1 20021008 (10)  
RLI Division of Ser. No. US 2001-821861, filed on 30 Mar 2001, PENDING  
DT Utility  
FS APPLICATION  
LN.CNT 1602  
INCL INCLM: 435/006.000  
INCLS: 435/007.210  
NCL NCLM: 435/006.000  
NCLS: 435/007.210  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-567  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 18 OF 122 USPATFULL on STN  
AN 2003:140406 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)  
PI US 2003096247 A1 20030522  
AI US 2001-986 A1 20011114 (10)  
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING  
PRAI WO 2001-IB1715 20010806  
US 2001-305456P 20010713 (60)  
US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25656  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 800/008.000  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 800/008.000  
IC [7]  
ICM: C12Q001-68  
ICS: A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 19 OF 122 USPATFULL on STN  
AN 2003:133926 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)  
PI US 2003092011 A1 20030515  
AI US 2001-489 A1 20011114 (10)  
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING  
PRAI WO 2001-IB1715 20010806  
US 2001-305456P 20010713 (60)  
US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25607  
INCL INCLM: 435/006.000  
INCLS: 800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100;  
435/325.000; 536/023.200  
NCL NCLM: 435/006.000  
NCLS: 800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100;  
435/325.000; 536/023.200  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-53; G01N033-542; C07H021-04; C12N009-00; C12P021-02;  
C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 20 OF 122 USPATFULL on STN  
AN 2003:93052 USPATFULL  
TI Nucleic acid molecules, polypeptides and uses therefor, including diagnosis and treatment of Alzheimer's disease  
IN Herath, Herath Mudiyanseilage Athula Chandrasiri, Abingdon, UNITED KINGDOM  
Parekh, Rajesh Bhikhu, Near Wendlebury, UNITED KINGDOM  
Rohlf, Christian, Oxford, GERMANY, FEDERAL REPUBLIC OF  
PI US 2003064411 A1 20030403  
AI US 2001-14340 A1 20011210 (10)  
PRAI US 2000-254431P 20001208 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 10377  
INCL INCLM: 435/007.200  
INCLS: 702/019.000  
NCL NCLM: 435/007.200  
NCLS: 702/019.000  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; G06F019-00; G01N033-48; G01N033-50

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 21 OF 122 USPATFULL on STN  
AN 2003:37603 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)  
PI US 2003027248 A1 20030206  
AI US 2001-924340 A1 20010806 (9)  
PRAI US 2001-305456P 20010713 (60)  
US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25650  
INCL INCLM: 435/069.100  
INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;  
435/006.000  
NCL NCLM: 435/069.100  
NCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;  
435/006.000  
IC [7]  
ICM: C12P021-02  
ICS: C12Q001-68; C07H021-04; C12N009-00; C12N005-06

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 22 OF 122 USPATFULL on STN  
AN 2003:37516 USPATFULL  
TI Human cDNAs and proteins and uses thereof  
IN Bejanin, Stephane, Paris, FRANCE  
Tanaka, Hiroaki, Antony, FRANCE  
PA GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)  
PI US 2003027161 A1 20030206  
AI US 2001-992600 A1 20011113 (9)  
RLI Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING  
PRAI WO 2001-IB1715 20010806  
US 2001-305456P 20010713 (60)  
US 2001-302277P 20010629 (60)  
US 2001-298698P 20010615 (60)  
US 2001-293574P 20010525 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 25529  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 800/008.000  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;  
536/023.200; 800/008.000  
IC [7]  
ICM: C12Q001-68

L3 ANSWER 23 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 2  
 AN 2004:16123 BIOSIS  
 DN PREV200400020049  
 TI Capacitative calcium entry induces hippocampal long term  
   \*\*\*potentiation\*\*\* in the absence of \*\*\*presenilin\*\*\* -1.  
 AU Ris, Laurence; Dewachter, Ilse; Reverse, Delphine; Godaux, Emile [Reprint  
   Author]; Van Leuven, Fred  
 CS Laboratory of Neuroscience, University of Mons-Hainaut, Place du Parc, 20,  
   B-7000, Mons, Belgium  
   emile.godaux@umh.ac.be  
 SO Journal of Biological Chemistry, (November 7 2003) Vol. 278, No. 45, pp.  
   44393-44399. print.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 DT Article  
 LA English  
 ED Entered STN: 24 Dec 2003  
   Last Updated on STN: 24 Dec 2003

L3 ANSWER 24 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 3  
 AN 2003:523176 BIOSIS  
 DN PREV200300511013  
 TI Altered Abeta formation and long-term \*\*\*potentiation\*\*\* in a  
   calsenilin knock-out.  
 AU Lilliehook, Christina; Bozdagi, Ozlem; Yao, Jun; Gomez-Ramirez, Manuel;  
   Zaidi, Nikhat F.; Wasco, Wilma; Gandy, Sam; Santucci, Anthony C.;  
   Haroutunian, Vahram; Huntley, George W.; Buxbaum, Joseph D. [Reprint  
   Author]  
 CS Department of Psychiatry New York, Mount Sinai Medical Center, One Gustave  
   L. Levy Place, Box 1668, New York, NY, 10029, USA  
   Joseph.Buxbaum@mssm.edu  
 SO Journal of Neuroscience, (October 8 2003) Vol. 23, No. 27, pp. 9097-9106.  
   print.  
   ISSN: 0270-6474 (ISSN print).  
 DT Article  
 LA English  
 ED Entered STN: 5 Nov 2003  
   Last Updated on STN: 5 Nov 2003

L3 ANSWER 25 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 4  
 AN 2003:817491 CAPLUS  
 DN 139:379326  
 TI PS2APP transgenic mice, coexpressing hPS2mut and hAPPswe, show age-related  
   cognitive deficits associated with discrete brain amyloid deposition and  
   inflammation  
 AU Richards, J. Grayson; Higgins, Guy A.; Ouagazzal, Abdel-Mouttalib; Ozmen,  
   Laurence; Kew, James N. C.; Bohrmann, Bernd; Malherbe, Pari; Brockhaus,  
   Manfred; Loetscher, Hansruedi; Czech, Christian; Huber, Gerda; Bluethmann,  
   Horst; Jacobsen, Helmut; Kemp, John A.  
 CS Department of Pharma Research Biology Discovery, F. Hoffmann-La Roche  
   Ltd., Basel, CH-4070, Switz.  
 SO Journal of Neuroscience (2003), 23(26), 8989-9003  
 CODEN: JNRSDS; ISSN: 0270-6474  
 PB Society for Neuroscience  
 DT Journal  
 LA English  
 RE.CNT 61 THERE ARE 61 CITED REFERENCES AVAILABLE FOR THIS RECORD  
   ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 26 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 DUPLICATE 5  
 AN 2003:346306 BIOSIS  
 DN PREV200300346306  
 TI \*\*\*Presenilin\*\*\* redistribution associated with aberrant cholesterol  
   transport enhances beta-amyloid production in vivo.  
 AU Burns, Mark; Gaynor, Kate; Olm, Vicki; Mercken, Marc; LaFrancois, John;  
   Wang, Lili; Mathews, Paul M.; Noble, Wendy; Matsuoka, Yasuji; Duff, Karen  
   [Reprint Author]  
 CS Center for Dementia Research, Nathan S. Kline Institute, 140 old  
   Orangeburg Road, Orangeburg, NY, 10962, USA  
   duff@nki.rfmh.org  
 SO Journal of Neuroscience, (July 2, 2003) Vol. 23, No. 13, pp. 5645-5649.

print.

ISSN: 0270-6474 (ISSN print).

DT Article

LA English

ED Entered STN: 30 Jul 2003

Last Updated on STN: 30 Jul 2003

L3 ANSWER 27 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 6

AN 2003:334969 BIOSIS

DN PREV200300334969

TI Selectively reduced expression of synaptic plasticity-related genes in amyloid precursor protein + \*\*\*presenilin\*\*\* -1 transgenic mice.

AU Dickey, Chad A.; Loring, Jeanne F.; Montgomery, Julia; Gordon, Marcia N.; Eastman, P. Scott; Morgan, Dave [Reprint Author]

CS College of Medicine, Department of Pharmacology, Alzheimer's Disease Research Laboratory, University of South Florida, 12901 Bruce B. Downs Boulevard, MDC 9, Tampa, FL, 33612, USA  
dmorgan@hsc.usf.edu

SO Journal of Neuroscience, (June 15, 2003) Vol. 23, No. 12, pp. 5219-5226.  
print.

ISSN: 0270-6474 (ISSN print).

DT Article

LA English

ED Entered STN: 23 Jul 2003

Last Updated on STN: 23 Jul 2003

L3 ANSWER 28 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2004:5849 SCISEARCH

GA The Genuine Article (R) Number: 752TE

TI Environmental enrichment exacerbates amyloid plaque formation in a Transgenic mouse model of Alzheimer disease

AU Jankowsky J L (Reprint); Xu G L; Fromholt D; Gonzales V; Borchelt D R  
CS CALTECH, Div Biol, MC 156-29, Pasadena, CA 91125 USA (Reprint); Johns Hopkins Univ, Sch Med, Dept Pathol, Baltimore, MD 21205 USA  
CYA USA

SO JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY, (DEC 2003) Vol. 62, No. 12, pp. 1220-1227.

Publisher: AMER ASSN NEUROPATHOLOGISTS INC, 1041 NEW HAMPSHIRE ST, LAWRENCE, KS 66044 USA.

ISSN: 0022-3069.

DT Article; Journal

LA English

REC Reference Count: 44

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 29 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2003:950376 SCISEARCH

GA The Genuine Article (R) Number: 736TD

TI Transgenic mouse models of Alzheimer's disease: phenotype and application

AU Higgins G A (Reprint); Jacobsen H

CS Schering Plough Res Inst, K15-2-2600, Kenilworth, NJ 07033 USA (Reprint); Schering Plough Res Inst, Kenilworth, NJ 07033 USA; Hoffmann La Roche AG, Basel, Switzerland  
CYA USA; Switzerland

SO BEHAVIORAL PHARMACOLOGY, (SEP 2003) Vol. 14, No. 5-6, pp. 419-438.

Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA 19106-3621 USA.

ISSN: 0955-8810.

DT General Review; Journal

LA English

REC Reference Count: 182

\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 30 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 7

AN 2003:433432 BIOSIS

DN PREV200300433432

TI Triple-transgenic model of Alzheimer's disease with plaques and tangles: Intracellular Abeta and synaptic dysfunction.

AU Oddo, Salvatore; Caccamo, Antonella; Shepherd, Jason D.; Murphy, M. Paul; Golde, Todd E.; Kayed, Rakez; Metherate, Raju; Mattson, Mark P.; Akbari, Yama; LaFerla, Frank M. [Reprint Author]

CS Department of Neurobiology and Behavior, University of California, Irvine, Irvine, CA, 92697, USA  
laferra@uci.edu

SO Neuron, (July 31, 2003) Vol. 39, No. 3, pp. 409-421. print.  
ISSN: 0896-6273 (ISSN print).

DT Article  
LA English  
ED Entered STN: 17 Sep 2003  
Last Updated on STN: 17 Sep 2003

L3 ANSWER 31 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2003:865533 SCISEARCH  
GA The Genuine Article (R) Number: 726BT  
TI Calpain inhibitors, a treatment for Alzheimer's disease - Position paper  
AU Battaglia F; Trinchese F; Liu S M; Walter S; Nixon R A; Arancio O  
(Reprint)  
CS NYU, Sch Med, Nathan S Kline Inst Psychiat Res, Dept Psychiat, Orangeburg,  
NY 10962 USA (Reprint)  
CYA USA  
SO JOURNAL OF MOLECULAR NEUROSCIENCE, (OCT 2003) Vol. 20, No. 3, pp. 357-362.  
Publisher: HUMANA PRESS INC, 999 RIVERVIEW DRIVE SUITE 208, TOTOWA, NJ  
07512 USA.  
ISSN: 0895-8696.  
DT Article; Journal  
LA English  
REC Reference Count: 17  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 32 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 8  
AN 2003:371392 BIOSIS  
DN PREV200300371392  
TI Enhanced long-term \*\*\*potentiation\*\*\* in the hippocampus of rats  
expressing mutant presenillin-1 is age related.  
AU Pybus, Ruth; Barnard, Eleanor; Estibeiro, Peter; Mullins, John; MacLeod,  
Nikki [Reprint Author]  
CS Biomedical Sciences, University Medical School, George Square, Edinburgh,  
EH8 9XD, UK  
nikki@ed.ac.uk  
SO Neurobiology of Disease, (April 2003) Vol. 12, No. 3, pp. 212-224. print.  
ISSN: 0969-9961 (ISSN print).  
DT Article  
LA English  
ED Entered STN: 13 Aug 2003  
Last Updated on STN: 13 Aug 2003

L3 ANSWER 33 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2003:90804 SCISEARCH  
GA The Genuine Article (R) Number: 635YZ  
TI Transgenic mice expressing the PS1-A246E mutation: effects on spatial  
learning, exploration, anxiety, and motor coordination  
AU Lalonde R (Reprint); Qian S; Strazielle C  
CS CHUM, Hotel Dieu, Serv Neurol, 3840 St Urbain St, Montreal, PQ H2W 1T8,  
Canada (Reprint); Fac Med, Serv Microscopie Elect, F-54500 Vandoeuvre Les  
Nancy, France; Univ Nancy 1, Lab Pathol Mol & Cellulaire Nutriments,  
F-54500 Vandoeuvre Les Nancy, France; Merck Res Labs, Dept Biochem &  
Physiol, Rahway, NJ 07065 USA; Univ Rouen, Fac Med & Pharm, INSERM EPI  
9906, F-76183 Rouen, France  
CYA Canada; France; USA  
SO BEHAVIOURAL BRAIN RESEARCH, (6 JAN 2003) Vol. 138, No. 1, pp. 71-79.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,  
NETHERLANDS.  
ISSN: 0166-4328.  
DT Article; Journal  
LA English  
REC Reference Count: 49  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 34 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2003:87803 SCISEARCH  
GA The Genuine Article (R) Number: 632GR  
TI Ubiquitin and synaptic dysfunction: ataxic mice highlight new common  
themes in neurological disease  
AU Ehlers M D (Reprint)  
CS Duke Univ, Med Ctr, Dept Neurobiol, Box 3209, Durham, NC 27710 USA  
(Reprint); Duke Univ, Med Ctr, Dept Neurobiol, Durham, NC 27710 USA; Duke  
Univ, Med Ctr, Dept Cell Biol, Durham, NC 27710 USA; Duke Univ, Med Ctr,  
Dept Pharmacol, Durham, NC 27710 USA  
CYA USA

SO TRENDS IN NEUROSCIENCES, (JAN 2003) Vol. 26, No. 1, pp. 4-7.  
Publisher: ELSEVIER SCIENCE LONDON, 84 THEOBALDS RD, LONDON WC1X 8RR,  
ENGLAND.  
ISSN: 0166-2236.  
DT Article; Journal  
LA English  
REC Reference Count: 34  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 35 OF 122 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN  
AN 2003:10503 DISSABS Order Number: AAI3054074  
TI Calsenilin: A neuronal calcium sensor  
AU Lilliehook, Christina [Ph.D.]; Buxbaum, Joseph D. [adviser]  
CS Mount Sinai School of Medicine of New York University (1353)  
SO Dissertation Abstracts International, (2002) Vol. 63, No. 5B, p. 2232.  
Order No.: AAI3054074. 148 pages.  
ISBN: 0-493-68021-7.

DT Dissertation  
FS DAI  
LA English

L3 ANSWER 36 OF 122 IFIPAT COPYRIGHT 2004 IFI on STN DUPLICATE 9  
AN 10072390 IFIPAT;IFIUDB;IFICDB  
TI METHOD FOR TREATMENT OF NEURODEGENERATIVE DISEASES; THERAPY FOR NERVOUS SYSTEM DISORDERS; EVALUATE CELLS EXPOSED TO TEST AGENT FOR CALCIUM FLOW, COMPARE TO CONTROL, AMPLIFIED CALCIUM FLOW INDICATES THERAPEUTIC AGENT  
IN Kim Tae-Wan; Tanzi Rudolph E; Yoo Andrew S  
PA General Hospital Corp The (10301)  
PI US 2002015941 A1 20020207  
AI US 2001-814179 20010322  
RLI WO 2000-US20138 20000725 CONTINUATION UNKNOWN  
PRAI US 2000-191109P 20000322 (Provisional)  
FI US 2002015941 20020207  
DT utility; Patent Application - First Publication  
FS CHEMICAL  
APPLICATION

CLMN 41

GI 11 Figure(s).

FIG. 1A-FIG. 1F. Attenuated capacitative Ca<sup>2+</sup> entry (CCE) in cells expressing FAD mutant \*\*\*presenilins\*\*\*. FIG. 1A Lysates prepared from stable SY5Y cell lines expressing vector (c) and either wild-type (WT) or FAD mutant (N141I) forms of PS2 were analyzed by Western blotting using the PS antibodies indicated (Tomita, T., et al., Proc. Natl. Acad. Sci. USA 94:2025 (1997); Thinakaran, G., et al., Neuron 17:181 (1996)). Locations of full-length PS2 (FL) and C-terminal fragments of PS2 (PS2-CTF) and PS1 (PS1-CTF) are indicated by arrows. FIG. 1B Effect of the N141I PS2 FAD mutation on the CCE response. CCE was measured by ratiometric imaging in fura-2-loaded SY5Y cells stably transfected with vector, wild-type PS2 (WT), or mutant PS2 (N141I). Representative data from five independent experiments is shown (n=33). FIG. 1C Mean peak fluorescence amplitudes were calculated from five separate CCE-induction experiments, using SY5Y cells expressing vector, wild-type PS2 (WT), and N141I-PS2 (N141I) (\*p less-than 0.0001, compared to WT). FIG. 1D Effect of the M146L PS1 FAD mutation on the CCE response. CCE was measured by ratiometric imaging in fura-2-loaded SY5Y cells stably transfected with vector, wild-type PS1 (WT), or mutant PS1 (M146L) (n=26). FIG. 1E Mean peak fluorescence amplitudes were calculated from three independent CCE-induction experiments, using SY5Y cells expressing vector, wild-type PS1 (WT), and mutant PS1 (M146L) (\*p less-than 0.0001, compared to WT). Data points are mean fluorescence ratios (340 nm/380 nm)+S.E. (FIG. 1B, FIG. 1D), and columns are mean % increases+S.D. (FIG. 1C, FIG. 1E), as compared to vectortransfected cells. FIG. 1F Effect of the M146L PS1 FAD mutation on CCE in stable CHO cell lines. Mean peak fluorescence amplitudes were calculated from four independent CCE-induction experiments, using CHO cells stably expressing wild-type PS1 (WT) and mutant PS1 (M146L) (\*p less-than 0.0001, compared to WT). In each case, the wild-type and PS1-M146L clonal lines were paired for similar levels of expression. Data points are mean fluorescence ratios (340 nm/380 nm)+S.E. (A), and columns are mean % increases+S.D. (B, C).

FIG. 2A-FIG. 2D. CCE-specific properties of the observed Ca<sup>2+</sup> influx in SY5Y cell lines. FIG. 2A Inhibition of CCE by SKF96365 or Calyculin A (CalyA). SY5Y cells stably expressing wild-type PS2 were pretreated with either 100 μM SKF96365 for 1 hr or 100 nM CalyA for 20 min prior to induction of CCE. FIG. 2B Effects of L-type or N-type voltage-operated Ca<sup>2+</sup> channel antagonists, nifedipine (1 μM) and omega-conotoxin GVIA (2

$\mu$ M), respectively, on the CCE response in SY5Y cells. FIG. 2C Relative effects of SKF96365, CalyA, omega-conotoxin GVIA, nifedipine, and Cytochalasin D (CytoD) on CCE in wild-type PS2 cells. Columns are mean peak amplitudes $\pm$ S.D., shown as % of control. FIG. 2D CytoD has no effect on the observed reduction in CCE caused by the M146L PS1 mutation. Mean peak amplitudes were determined from three independent experiments using SY5Y cells expressing wild-type PS1 (WT) or mutant PS1 (M146L), either without (Control) or with (+CytoD) a 2 hr pretreatment of 2  $\mu$ M CytoD. Columns are mean peak amplitudes in fluorescence ratios $\pm$ S.D. (\*p less-than 0.0001 and \*\*p less-than 0.001, respectively, as compared to WT).

FIG. 3A-FIG. 3B. \*\*\*Potentiation\*\*\* of the CCE response by a PS1 deficiency. FIG. 3A Cultured cortical neurons from day 15.5 embryos from heterozygote (+/-, Control 1), homozygote (+/+, Control 2), or knock-out (-/-) mice were subjected to Western blotting using alpha PS1 Loop antibody (Thinakaran, G., et al., Neuron 17:181 (1996)). FIG. 3B CCE was greatly potentiated in PS1-deficient neurons (PS1-/-) as compared to control 1 (+/-) or control 2 (+/+). Data points are mean fluorescence ratios $\pm$ S.E. in 27-34 cells (\*p less-than 0.0001, compared to controls). CCE was induced by incubating cells with Ca<sup>2+</sup>-free media containing 2  $\mu$ M cyclopiazonic acid (CPA) for 30 minutes, then washing the cells with Ca<sup>2+</sup>-free HBSS (0 mM (Ca<sup>2+</sup>))0; see Experimental Procedures), and replacing Ca<sup>2+</sup>-free buffer with Ca<sup>2+</sup>-containing media (1.8 mM (Ca<sup>2+</sup>))0.

FIG. 4A-FIG. 4D. \*\*\*Potentiation\*\*\* of the CCE response by inactivation of PS1-associated gamma-secretase activity. FIG. 4A Detergent lysates prepared from SY5Y cells stably transfected with vector (C), wild-type PS1 (WT), FAD mutant PS1 (M146L), or D257A-PS1 (D257A) were analyzed by Western blot analyses using alpha PS1 Loop antibody (left panel). Arrows denote full-length PS1 (FL) and endoproteolytic PS1 C-terminal fragments (PS1-CTF). An identical blot was probed with anti-APP antibody (C7) to detect APP holoprotein (APP-FL) as well as an endogenous APP C-terminal fragment (APP-CT83) (right panel). FIG. 4B \*\*\*Potentiation\*\*\* of the CCE response in SY5Y cells stably expressing D257A-PS1. Data points are mean fluorescence ratios $\pm$ S.E. in 30 cells.

FIG. 4C Mean peak fluorescence amplitudes were calculated from three independent CCE-induction experiments using SY5Y cells expressing wild-type PS1 (WT) or D257A-PS1 (D257A). Columns are mean peak amplitudes $\pm$ S.D., shown as % of control (\*p less-than 0.0001, as compared to WT). FIG. 4D Mean peak fluorescence amplitudes were calculated from two independent CCE-induction experiments using four different clonal CHO cell lines expressing wild-type PS1 (WT1 and WT2), D257A-PS1 (D257A), or D385A-PS1 (D385A). Columns are mean peak amplitudes $\pm$ S.D., shown as % of control (\*p less-than 0.0001, as compared to WT2; \*\*p less-than 0.0001, as compared to WT1).

FIG. 5A-FIG. 5F. Effects of SKF96365 (100  $\mu$ M), nifedipine (1  $\mu$ M), and omega-conotoxin GVIA (1  $\mu$ M) on the ratio of A beta 42/A beta total in CHO (FIG. 5A) or HEK293 (FIG. 5B) cells stably overexpressing human APP (12 hour treatment). Controls were DMSO (solvent) only. Amounts of A beta 42 and A beta total were determined by sandwich ELISA (Xia, X., et al., J. Biol. Chem. 272:7977 (1997)). The ratios of A beta 42/A beta total from three independent experiments were plotted. Horizontal bars represent average A beta 42 to A beta total ratios ( $n=12$ , \*p less-than 0.0001 and \*\*p less-than 0.0005, respectively, as compared to controls). Correlation of reduced CCE and increases in the A beta 42/A beta total ratio. CHO cells stably expressing human APP were treated with indicated concentrations of SKF9635 for 12 hours. Relative mean peak amplitudes (FIG. 5D) and corresponding A beta 42/A beta total ratios (FIG. 5C) are shown. CHO cells stably expressing APP and PS1 variants (either PS1 wild-type (WT) or D257A-PS1 (D257A)) were incubated in the absence (-) or presence (+) of 50  $\mu$ M SKF96365. Columns represents relative amounts of total A beta (FIG. 5E) or A beta 42 (FIG. 5F) in the culture media. All values were normalized to total protein amounts in the cell lysates.

FIG. 6A-FIG. 6B. Effect of stable overexpression of human APP (FIG. 6A) and A beta 42 pretreatment (FIG. 6B) on the CCE response in CHO cells. FIG. 6A CCE was assayed by ratiometric Ca<sup>2+</sup> imaging using either native CHO cells (CHO) or CHO cells stably overexpressing human APP695 (CHO-APP). FIG. 6B CHO and CHO-APP cells were pre-incubated with 20 PM A beta 42 for 3 hours prior to induction of CCE (compare to FIG. 6A). Data points are mean fluorescence ratios $\pm$ S.E. in 33 cells.

FIG. 7A. Expression of detection of TRP1 and TRP3 in CHO cells. Stable CHO cell lines expressing either wild-type PS1(W) or M146L mutant PS1 (M) were transiently transfected with empty vector (Control), FLAG-tagged TRP1 expression construct (TRP 1FLAG), and MYC-tagged TRP3 expression construct (TRP3-MYC). The cell lysates were analyzed by Western blot analyses using antiFLAG (left) or anti-MYC (right) antibodies. Expressed TRP1 and TRP3 are indicated by arrows.

FIG. 7B. Effect of overexpression of TRP1 and TRP3 on capacitative calcium entry (CCE) in stable CHO cells expressing M146L FAD mutant PS1. CCE was potentiated in both TRP1- and TRP3-transfected cells as compared to vector-transfected (Control) cells, but to greater extent in TRP3-expressing cells. The ratiometric calcium imaging was performed as described in the manuscript.

FIG. 7C. Effects of overexpression of vector, TRP1, and TRP3 on the ratio of A beta 42/A beta total in CHO cells stably expressing M146L mutant PS1. Amounts of A beta 42 and A beta total were determined by sandwich ELISA.

FIG. 8A-FIG. 8D. Primary Cortical Neurons Derived from N141I-PS2 Transgenic Mice Exhibit Attenuated CCE. FIG. 8A Characterization of PS2 in transgenic mice. Immunoprecipitation-Western blotting analysis was performed using alpha PS2loop in the lysates prepared from brain tissues of transgenic mice expressing a construct encoding either wild-type (WT-PS2) or N141I FAD mutant (N141I-PS2) PS2, along with non-transgenic samples (Non-Tg). FIG. 8B Lines with similar levels of protein expression were paired among N and K lines and protein extracts were analyzed by Immunoprecipitation-Western blotting analysis. Representative blot is shown. FIG. 8C Effects of the N141I-PS2 mutation on CCE in cultured cortical neurons from day 18.5 embryos. FIG. 8D Average mean peak amplitudes were shown as mean fluorescence ratios (340 nm/380 nm)+-S.D. (n= 50; \*p less than 0.0001, compared to WT).

FIG. 9A-FIG. 9D. Impaired Calcium Release-Activated Calcium Currents (ICRAC) in M146L-PS1 Cells. FIG. 9A ICRAC channel activities were measured in the stable CHO cells expressing either wild-type (WT) or FAD mutant (M146L) PS1 by the wholecell patch clamp experiments. The currents were activated following dialysis with 10 mM BAPTA (passive depletion). Membrane potential was held at 0 mV, and hyperpolarizing voltage pulses at -120 mV were applied every 10 s. The transient and leak currents were not canceled. FIG. 9B Comparison of time courses of the activation of ICRAC channels in wild-type and M146L PS1 cells. Inward currents were evoked by applying hyperpolarizing pulse at 120 mV at a holding potential of 0 mV. Data points are the current levels measured at every 10 s. The leak currents were canceled. FIG. 9C Comparison of average peak ICRAC current densities (pA/pF) from wild-type (WT) and M146L-PS1 cells. Wild-type PS1 cells were also pretreated in parallel with 10 μM SKF96365 for 30 min before the current measurement (WT+SKF96365). The average peak current density in M146L-PS1 cells was significantly smaller than that of wild-type PS1 cells (n=23, \*p less than 0.05). FIG. 9D Arachidonate-regulated Ca<sup>2+</sup> currents (IARC) were preserved in M146L-PS1 cells. After ICRAC currents reached the stable levels in 6-7 min, arachidonic acid (8 μM) were added to induce IARC currents on top of ICRAC currents. Currents were measured as described in FIG. 9A. !

L3 ANSWER 37 OF 122 USPATFULL on STN DUPLICATE 10  
AN 2002:289249 USPATFULL  
TI TRANSGENIC MOUSE EXPRESSING THE HUMAN CYCLOOXYGENASE-2 GENE AND NEURONAL CELL CULTURES DERIVED THEREFROM  
IN PASINETTI, GIULIO M., NEW YORK, NY, UNITED STATES  
AISEN, PAUL S., POTOMAC, MD, UNITED STATES  
PI US 2002162130 A1 20021031  
US 6649811 B2 20031118  
AI US 1999-308424 A1 19990716 (9)  
WO 1997-US21484 19971119  
DT Utility  
FS APPLICATION  
LN.CNT 799  
INCL INCLM: 800/018.000  
INCLS: 435/325.000; 435/352.000; 435/354.000  
NCL NCLM: 800/018.000  
NCLS: 435/325.000; 435/352.000; 435/354.000  
IC [7]  
ICM: A01K067-027  
ICS: C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 38 OF 122 USPATFULL on STN DUPLICATE 11  
AN 2002:198576 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2002106676 A1 20020808  
US 6653102 B2 20031125

AI US 2001-973963 A1 20011011 (9)  
PRAI US 2000-240790P 20001017 (60)  
US 2001-304775P 20010713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3181  
INCL INCLM: 435/006.000  
INCLS: 435/368.000; 435/320.100; 435/069.100; 536/023.200; 435/226.000  
NCL NCLM: 435/069.100  
NCLS: 435/183.000; 435/252.300; 435/254.110; 435/254.200; 435/320.100;  
435/325.000; 536/023.500  
IC [7]  
ICM: C12Q001-68  
ICS: C07H021-04; C12N009-64; C12P021-02; C12N005-06  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 39 OF 122 USPATFULL on STN  
AN 2002:294612 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2002164655 A1 20021107  
AI US 2001-973941 A1 20011011 (9)  
PRAI US 2000-240790P 20001017 (60)  
US 2001-304775P 20010713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3277  
INCL INCLM: 435/007.200  
INCLS: 435/183.000; 530/388.260  
NCL NCLM: 435/007.200  
NCLS: 435/183.000; 530/388.260  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-567; C12N009-00; C07K016-40  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 40 OF 122 USPATFULL on STN  
AN 2002:229107 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PI US 2002124273 A1 20020905  
AI US 2001-973965 A1 20011011 (9)  
PRAI US 2000-240790P 20001017 (60)  
US 2001-304775P 20010713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3256  
INCL INCLM: 800/003.000  
INCLS: 435/007.930  
NCL NCLM: 800/003.000  
NCLS: 435/007.930  
IC [7]  
ICM: G01N033-00  
ICS: G01N033-53; G01N033-542; G01N033-537; G01N033-543  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 41 OF 122 USPATFULL on STN  
AN 2002:222796 USPATFULL  
TI Protein-protein interactions in neurodegenerative disorders  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2002120947 A1 20020829  
AI US 2001-949143 A1 20010910 (9)  
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING  
PRAI US 1998-113534P 19981222 (60)  
US 1999-124120P 19990312 (60)  
US 1999-141243P 19990630 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3104

INCL INCLM: 800/003.000  
INCLS: 435/007.920  
NCL NCLM: 800/003.000  
NCLS: 435/007.920  
IC [7]  
ICM: A01K067-00  
ICS: G01N033-53

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 42 OF 122 USPATFULL on STN  
AN 2002:221785 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2002119927 A1 20020829  
AI US 2001-972757 A1 20011009 (9)  
PRAI US 2000-240790P 20001017 (60)

DT Utility  
FS APPLICATION

LN.CNT 3204  
INCL INCLM: 514/012.000  
INCLS: 424/146.100  
NCL NCLM: 514/012.000  
NCLS: 424/146.100  
IC [7]  
ICM: A61K039-395  
ICS: A61K038-17

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 43 OF 122 USPATFULL on STN  
AN 2002:221020 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S.  
corporation)  
PI US 2002119155 A1 20020829  
AI US 2001-972038 A1 20011009 (9)  
PRAI US 2000-240790P 20001017 (60)

DT Utility  
FS APPLICATION

LN.CNT 3081  
INCL INCLM: 424/146.100  
INCLS: 530/388.260; 435/226.000; 435/007.200; 435/006.000  
NCL NCLM: 424/146.100  
NCLS: 530/388.260; 435/226.000; 435/007.200; 435/006.000  
IC [7]

ICM: A61K039-395  
ICS: C12Q001-68; G01N033-53; C12N009-64; G01N033-567; C07K016-40

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 44 OF 122 USPATFULL on STN  
AN 2002:214220 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S.  
corporation)  
PI US 2002115607 A1 20020822  
AI US 2001-975072 A1 20011012 (9)  
PRAI US 2000-240790P 20001017 (60)

DT Utility  
FS APPLICATION

LN.CNT 3574  
INCL INCLM: 514/012.000  
INCLS: 424/146.100; 435/226.000; 530/350.000; 435/194.000  
NCL NCLM: 514/012.000  
NCLS: 424/146.100; 435/226.000; 530/350.000; 435/194.000  
IC [7]

ICM: A61K038-17  
ICS: A61K039-395; C12N009-64; C07K014-435; C12N009-12

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 45 OF 122 USPATFULL on STN  
AN 2002:214219 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2002115606 A1 20020822  
AI US 2001-973964 A1 20011011 (9)  
PRAI US 2000-240790P 20001017 (60)  
US 2001-304775P 20010713 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3354  
INCL INCLM: 514/012.000  
NCL NCLM: 514/012.000  
IC [7]  
ICM: A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 46 OF 122 USPATFULL on STN  
AN 2002:213743 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc. (U.S. corporation)  
PI US 2002115119 A1 20020822  
AI US 2001-973063 A1 20011010 (9)  
PRAI US 2000-240790P 20001017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3133  
INCL INCLM: 435/007.210  
NCL NCLM: 435/007.210  
IC [7]  
ICM: G01N033-567  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 47 OF 122 USPATFULL on STN  
AN 2002:213426 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S.  
corporation)  
PI US 2002114799 A1 20020822  
AI US 2001-973077 A1 20011010 (9)  
PRAI US 2000-240790P 20001017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3207  
INCL INCLM: 424/130.100  
NCL NCLM: 424/130.100  
IC [7]  
ICM: A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 48 OF 122 USPATFULL on STN  
AN 2002:198673 USPATFULL  
TI Protein-protein interactions in neurodegenerative diseases  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
Heichman, Karen, Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT, UNITED STATES (U.S.  
corporation)  
PI US 2002106773 A1 20020808  
AI US 2001-973064 A1 20011010 (9)  
PRAI US 2000-240790P 20001017 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3066  
INCL INCLM: 435/196.000  
INCLS: 435/007.100; 435/006.000; 530/388.260

NCL NCLM: 435/196.000  
NCLS: 435/007.100; 435/006.000; 530/388.260  
IC [7]  
ICM: C12N009-16  
ICS: C12Q001-68; G01N033-53; C07K016-40  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 49 OF 122 USPATFULL on STN  
AN 2002:157666 USPATFULL  
TI Agents for use in the treatment of alzheimer's disease  
IN Bush, Ashley I., Somerville, MA, UNITED STATES  
Huang, Xudong, Cambridge, MA, UNITED STATES  
Atwood, Craig S., Somerville, MA, UNITED STATES  
Tanzi, Rudolph E., Canton, MA, UNITED STATES  
PI US 2002082273 A1 20020627  
AI US 2001-956980 A1 20010921 (9)  
RLI Division of Ser. No. US 1998-38154, filed on 11 Mar 1998, PATENTED  
DT Utility  
FS APPLICATION  
LN.CNT 4007  
INCL INCLM: 514/291.000  
INCLS: 514/298.000; 514/562.000; 514/566.000; 514/420.000; 514/707.000  
NCL NCLM: 514/291.000  
NCLS: 514/298.000; 514/562.000; 514/566.000; 514/420.000; 514/707.000  
IC [7]  
ICM: A61K031-4745  
ICS: A61K031-473; A61K031-195; A61K031-198; A61K031-405; A61K031-105  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 50 OF 122 USPATFULL on STN  
AN 2002:134563 USPATFULL  
TI Protein-protein interactions in neurodegenerative disorders  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
PI US 2002069424 A1 20020606  
AI US 2001-971677 A1 20011009 (9)  
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING  
PRAI US 1998-113534P 19981222 (60)  
US 1999-124120P 19990312 (60)  
US 1999-141243P 19990630 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3101  
INCL INCLM: 800/018.000  
INCLS: 435/007.900; 800/003.000  
NCL NCLM: 800/018.000  
NCLS: 435/007.900; 800/003.000  
IC [7]  
ICM: A01K067-027  
ICS: G01N033-00; G01N033-53; G01N033-542  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 51 OF 122 USPATFULL on STN  
AN 2002:113904 USPATFULL  
TI Protein-protein interactions in neurodegenerative disorders  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
PA MYRIAD GENETICS, INC., Salt Lake City, UT, UNITED STATES, 84108 (U.S.  
corporation)  
PI US 2002059653 A1 20020516  
AI US 2001-970666 A1 20011005 (9)  
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING  
PRAI US 1998-113534P 19981222 (60)  
US 1999-124120P 19990312 (60)  
US 1999-141243P 19990630 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3084  
INCL INCLM: 800/012.000  
INCLS: 424/146.100; 514/012.000  
NCL NCLM: 800/012.000  
NCLS: 424/146.100; 514/012.000  
IC [7]  
ICM: A01K067-00  
ICS: A61K039-395; A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 52 OF 122 USPATFULL on STN  
AN 2002:105674 USPATFULL  
TI Protein-protein interactions in neurodegenerative disorders  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
PA MYRIAD GENETICS, INC., Salt Lake City, UT, 84108 (U.S. corporation)  
PI US 2002054876 A1 20020509  
AI US 2001-971675 A1 20011009 (9)  
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING  
PRAI US 1998-113534P 19981222 (60)  
US 1999-124120P 19990312 (60)  
US 1999-141243P 19990630 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3070  
INCL INCLM: 424/146.100  
NCL NCLM: 424/146.100  
IC [7]  
ICM: A61K039-395  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 53 OF 122 USPATFULL on STN  
AN 2002:92251 USPATFULL  
TI Protein-protein interactions in neurodegenerative disorders  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
PA MYRIAD GENETICS, INC., Salt Lake City, UT (U.S. corporation)  
PI US 2002048769 A1 20020425  
AI US 2001-970814 A1 20011005 (9)  
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING  
PRAI US 1998-113534P 19981222 (60)  
US 1999-124120P 19990312 (60)  
US 1999-141243P 19990630 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3101  
INCL INCLM: 435/006.000  
INCLS: 435/007.100; 435/196.000; 530/388.100  
NCL NCLM: 435/006.000  
NCLS: 435/007.100; 435/196.000; 530/388.100  
IC [7]  
ICM: C12Q001-68  
ICS: G01N033-53; C12N009-16; C07K016-42  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 54 OF 122 USPATFULL on STN  
AN 2002:85161 USPATFULL  
TI Protein-protein interactions in neurodegenerative disorders  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
PA MYRIAD GENETICS, INC., Salt Lake City, UT, UNITED STATES, 84108 (U.S.  
corporation)  
PI US 2002045201 A1 20020418  
AI US 2001-970898 A1 20011005 (9)  
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING  
PRAI US 1998-113534P 19981222 (60)  
US 1999-124120P 19990312 (60)  
US 1999-141243P 19990630 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3090  
INCL INCLM: 435/007.920  
NCL NCLM: 435/007.920  
IC [7]  
ICM: G01N033-53  
ICS: G01N033-537; G01N033-543  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 55 OF 122 USPATFULL on STN  
AN 2002:73343 USPATFULL  
TI Protein-protein interactions in neurodegenerative disorders  
IN Roch, Jean-Marc, Salt Lake City, UT, UNITED STATES  
Bartel, Paul L., Salt Lake City, UT, UNITED STATES  
PA Myriad Genetics, Inc., Salt Lake City, UT (U.S. corporation)  
PI US 2002040484 A1 20020404

AI US 2001-948904 A1 20010910 (9)  
RLI Division of Ser. No. US 1999-466139, filed on 21 Dec 1999, PENDING  
PRAI US 1998-113534P 19981222 (60)  
US 1999-124120P 19990312 (60)  
US 1999-141243P 19990630 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3069  
INCL INCLM: 800/008.000  
INCLS: 514/012.000  
NCL NCLM: 800/008.000  
NCLS: 514/012.000  
IC [7]  
ICM: A01K067-00  
ICS: A61K038-17  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 56 OF 122 USPATFULL on STN  
AN 2002:63709 USPATFULL  
TI Nucleic acid molecules encoding potassium channel interactors and uses  
therefor  
IN Rhodes, Kenneth, Neshanic Station, NJ, United States  
Betty, Maria, Mt. Laurel, NJ, United States  
Ling, Huai-Ping, Princeton Junction, NJ, United States  
An, Wengqian, Framingham, MA, United States  
PA Millennium Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.  
corporation)  
American Home Products Corporation, Madison, NJ, United states (U.S.  
corporation)  
PI US 6361971 B1 20020326  
AI US 1999-399913 19990921 (9)  
RLI Continuation-in-part of Ser. No. US 1999-298731, filed on 23 Apr 1999  
Continuation-in-part of Ser. No. US 1999-350614, filed on 9 Jul 1999  
Continuation-in-part of Ser. No. US 1999-350874, filed on 9 Jul 1999  
PRAI US 1998-109033P 19981120 (60)  
US 1998-110033P 19981125 (60)  
US 1998-110277P 19981130 (60)  
DT Utility  
FS GRANTED  
LN.CNT 8720  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/325.000; 536/023.500  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/325.000; 536/023.500  
IC [7]  
ICM: C12N015-12  
ICS: C12N015-63; C12N005-00; C07H021-04  
EXF 435/69.1; 435/320.1; 435/325; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 57 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:262061 BIOSIS  
DN PREV200300262061  
TI Misorting of the dendritic cell adhesion molecule telencephalin in  
\*\*\*presenilin\*\*\* -deficient neurons.  
AU Esselens, C. [Reprint Author]; Baert, V. [Reprint Author]; Boeve, C.  
[Reprint Author]; Snellings, G. [Reprint Author]; Cupers, P. [Reprint  
Author]; Craessaerts, K. [Reprint Author]; De Strooper, B. [Reprint  
Author]; Annaert, W. [Reprint Author]  
CS Laboratory for Neuronal Cell Biology, Center for Human Genetics,  
KUL-Gasthuisberg and Flanders Interuniversity Institute for Biotechnology,  
Herestraat 49, VIB04, 3000, Leuven, Belgium  
SO Israel, A. [Editor, Reprint Author]; DeStrooper, B. [Editor]; Checler, F.  
[Editor]; Christen, Y. [Editor]. (2002) pp. 89-99. Notch from  
neurodevelopment to neurodegeneration: Keeping the fate. print.  
Publisher: Springer-Verlag GmbH and Co. KG, Heidelberger Platz 3, D-14197,  
Berlin, Germany. Series: Research and Perspectives in Alzheimer's Disease.  
Meeting Info.: XVIII Medicine and Research Colloquium. Paris, France.  
March 19, 2001. Fondation Ipsen.  
ISSN: 0945-6066 (ISSN print). ISBN: 3-540-43073-3 (cloth).  
DT Book; (Book Chapter)  
Conference; (Meeting)  
Conference; (Meeting Paper)  
LA English  
ED Entered STN: 4 Jun 2003  
Last Updated on STN: 4 Jun 2003

L3 ANSWER 58 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 12  
AN 2002:298417 BIOSIS  
DN PREV200200298417  
TI Neuronal deficiency of \*\*\*presenilin\*\*\* 1 inhibits amyloid plaque formation and corrects hippocampal long-term \*\*\*potentiation\*\*\* but not a cognitive defect of amyloid precursor protein (V717I) transgenic mice.  
AU Dewachter, Ilse; Reverse, Delphine; Caluwaerts, Nathalie; Ris, Laurence; Kuiperi, Cuno; Van den Haute, Chris; Spittaels, Kurt; Umans, Lieve; Serneels, Lutgarde; Thiry, Els; Moechars, Dieder; Mercken, Mark; Godaux, Emile; Van Leuven, Fred [Reprint author]  
CS Experimental Genetics Group (LEGT-EGG), Department of Human Genetics, K. U. Leuven, Campus Gasthuisberg, O and N 06, B-3000, Leuven, Belgium fredvl@med.kuleuven.ac.be  
SO Journal of Neuroscience, (May 1, 2002) Vol. 22, No. 9, pp. 3445-3453.  
print.  
CODEN: JNRSDS. ISSN: 0270-6474.

DT Article  
LA English  
ED Entered STN: 22 May 2002  
Last Updated on STN: 22 May 2002

L3 ANSWER 59 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2003:62181 SCISEARCH  
GA The Genuine Article (R) Number: 630CH  
TI A beta as a bioflocculant: implications for the amyloid hypothesis of Alzheimer's disease  
AU Robinson S R (Reprint); Bishop G M  
CS Monash Univ, Dept Psychol, Clayton, Vic 3800, Australia (Reprint)  
CYA Australia  
SO NEUROBIOLOGY OF AGING, (NOV-DEC 2002) Vol. 23, No. 6, pp. 1051-1072.  
Publisher: ELSEVIER SCIENCE INC, 360 PARK AVE SOUTH, NEW YORK, NY 10010-1710 USA.  
ISSN: 0197-4580.  
DT Editorial; Journal  
LA English  
REC Reference Count: 303  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 60 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2002:935108 SCISEARCH  
GA The Genuine Article (R) Number: 611WX  
TI Calcium dyshomeostasis and intracellular signalling in Alzheimer's disease  
AU LaFerla F M (Reprint)  
CS Univ Calif Irvine, Dept Neurobiol & Behav, Lab Mol Neuropathogenesis, 1109 Gillespie Neurosci Bldg Irvine, Irvine, CA 92697 USA (Reprint); Univ Calif Irvine, Dept Neurobiol & Behav, Lab Mol Neuropathogenesis, Irvine, CA 92697 USA  
CYA USA  
SO NATURE REVIEWS NEUROSCIENCE, (NOV 2002) Vol. 3, No. 11, pp. 862-872.  
Publisher: NATURE PUBLISHING GROUP, MACMILLAN BUILDING, 4 CRINAN ST, LONDON N1 9XW, ENGLAND.  
ISSN: 1471-0048.  
DT General Review; Journal  
LA English  
REC Reference Count: 145  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 61 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN  
AN 2003447941 EMBASE  
TI Therapeutic strategies for Alzheimer's disease.  
AU Wolfe M.S.  
CS M.S. Wolfe, Center for Neurologic Diseases, Brigham and Women's Hospital, 77 Avenue Louis Pasteur, Boston, MA 02115, United States.  
mwolfe@rics.bwh.harvard.edu  
SO Nature Reviews Drug Discovery, (2002) 1/11 (859-866).  
Refs: 96  
ISSN: 1474-1776 CODEN: NRDDAG  
CY United Kingdom  
DT Journal; General Review  
FS 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery  
029 Clinical Biochemistry

## 037 Drug Literature Index

LA English  
 SL English  
 L3 ANSWER 62 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2002:577154 SCISEARCH  
 GA The Genuine Article (R) Number: 569AC  
 TI Modification of brain aging and neurodegenerative disorders by genes, diet, and behavior  
 AU Mattson M P (Reprint); Chan S L; Duan W Z  
 CS NIA, Neurosci Lab, Gerontol Res Ctr 4F01, 5600 Nathan Shock Dr, Baltimore, MD 21224 USA (Reprint); NIA, Neurosci Lab, Gerontol Res Ctr 4F01, Baltimore, MD 21224 USA  
 CYA USA  
 SO PHYSIOLOGICAL REVIEWS, (JUL 2002) Vol. 82, No. 3, pp. 637-672.  
 Publisher: AMER PHYSIOLOGICAL SOC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814 USA.  
 ISSN: 0031-9333.  
 DT General Review; Journal  
 LA English  
 REC Reference Count: 399  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 63 OF 122 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
 DUPLICATE  
 AN 2002:35363350 BIOTECHNO  
 TI Genistein-induced apoptosis in MCF-7 cells involves changes in Bak and Bcl-x without evidence of anti-oestrogenic effects  
 AU Po L.S.; Wang T.T.; Chen Z.-Y.; Leung L.K.  
 CS Dr. L.K. Leung, Department of Biochemistry, Faculty of Medicine, Chinese University of Hong Kong, Shatin, NT, Hong Kong.  
 E-mail: laikleung@yahoo.com  
 SO British Journal of Nutrition, (01 NOV 2002), 88/5 (463-469), 39 reference(s)  
 CODEN: BJNUAV ISSN: 0007-1145  
 DT Journal; Article  
 CY United Kingdom  
 LA English  
 SL English

L3 ANSWER 64 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:934316 CAPLUS  
 DN 138:202926  
 TI Cyclooxygenase-2 promotes amyloid plaque deposition in a mouse model of Alzheimer's disease neuropathology  
 AU Xiang, Zhongmin; Ho, Lap; Yemul, Shrishailam; Zhao, Zhong; Pompl, Patrick; Kelley, Kevin; Dang, Anju; Qing, Weiping; Teplow, David; Pasinetti, Giulio Maria  
 CS Neuroinflammation Research Laboratories, Department of Psychiatry, Mount Sinai School of Medicine, New York, NY, 10029, USA  
 SO Gene Expression (2002), 10(5/6), 271-278  
 CODEN: GEEEXEJ; ISSN: 1052-2166  
 PB Cognizant Communication Corp.  
 DT Journal  
 LA English  
 RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 65 OF 122 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
 DUPLICATE  
 AN 2002:37012503 BIOTECHNO  
 TI \*\*\*Presenilins\*\*\* and APP in neuritic and synaptic plasticity: Implications for the pathogenesis of Alzheimer's disease  
 AU Chan S.L.; Furukawa K.; Mattson M.P.  
 CS S.L. Chan, Laboratory of Neurosciences, Gerontology Research Center, National Institute on Aging, Baltimore, MD 21224, United States.  
 E-mail: chanst@grc.nia.nih.gov  
 SO NeuroMolecular Medicine, (2002), 2/2 (167-196), 242 reference(s)  
 CODEN: NMEEAN ISSN: 1535-1084  
 DT Journal; General Review  
 CY United States  
 LA English  
 SL English

L3 ANSWER 66 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 2002:905351 SCISEARCH

GA The Genuine Article (R) Number: 609UM  
TI Does my mouse have Alzheimer's disease?  
AU Dodart J C (Reprint); Mathis C; Bales K R; Paul S M  
CS Eli Lilly & Co, Neurosci Discovery Res, Indianapolis, IN 46285 USA  
(Reprint); ULP, IFR Neurosci, CNRS, UMR 7521, Lab Neurosci  
Comportementales & Cognit, Strasbourg, France  
CYA USA; France  
SO GENES BRAIN AND BEHAVIOR, (AUG 2002) Vol. 1, No. 3, pp. 142-155.  
Publisher: BLACKWELL MUNKSGAARD, 35 NORRE SOGADE, PO BOX 2148, DK-1016  
COPENHAGEN, DENMARK.  
ISSN: 1601-1848.  
DT General Review; Journal  
LA English  
REC Reference Count: 125  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 67 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN  
AN 2002286508 EMBASE  
TI The endoplasmic reticulum as an integrating signalling organelle: From  
neuronal signalling to neuronal death.  
AU Verkhratsky A.; Petersen O.H.  
CS A. Verkhratsky, School of Biological Sciences, University of Manchester,  
1.124 Stopford Building, Oxford Road, Manchester M13 9PT, United Kingdom.  
alex.verkhratsky@man.ac.uk  
SO European Journal of Pharmacology, (5 Jul 2002) 447/2-3 (141-154).  
Refs: 132  
ISSN: 0014-2999 CODEN: EJPHAZ  
PUI S 0014-2999(02)01838-1  
CY Netherlands  
DT Journal; General Review  
FS 008 Neurology and Neurosurgery  
029 Clinical Biochemistry  
LA English  
SL English

L3 ANSWER 68 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 15  
AN 2002:703750 CAPLUS  
DN 138:2792  
TI Misorting of the dendritic cell adhesion molecule telencephalin in  
\*\*\*presenilin\*\*\* -deficient neurons  
AU EsSELens, C.; Baert, V.; Boeve, C.; Snellings, G.; Cupers, P.;  
Craessaerts, K.; De Strooper, B.; Annaert, W.  
CS Laboratory for Neuronal Cell Biology, Center for Human Genetics,  
KUL-Gasthuisberg and Flanders Interuniversity Institute for Biotechnology,  
Louvain, 3000, Belg.  
SO Notch from Neurodevelopment to Neurodegeneration: Keeping the Fate,  
[Colloque Medecine et Recherche], 17th, Paris, France, Mar. 19, 2001  
(2002), Meeting Date 2001, 89-99. Editor(s): Israel, Alain. Publisher:  
Springer-Verlag, Berlin, Germany.  
CODEN: 69DBV8; ISBN: 3-540-43073-3  
DT Conference; General Review  
LA English  
RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 69 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 16  
AN 2003:74421 BIOSIS  
DN PREV200300074421  
TI Feedback \*\*\*potentiation\*\*\* of \*\*\*presenilin\*\*\* expression in  
human neuroblastoma (SH-SY5Y) cells by amyloid beta peptide1-40, but not  
amyloid beta peptide1-42.  
AU Boyle, J. P. [Reprint Author]; Smith, I. F. [Reprint Author]; Vaughan, P.  
F. T. [Reprint Author]; Peers, C. [Reprint Author]  
CS Institute for Cardiovascular Research, University of Leeds, Leeds, LS2  
9JT, UK  
SO Journal of Physiology (Cambridge), (November 2002) Vol. 544P, pp. 71P.  
print.  
Meeting Info.: Scientific Meeting of the Physiological Society. Leeds,  
England, UK. September 10-12, 2002.  
ISSN: 0022-3751 (ISSN print).  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 29 Jan 2003

Last Updated on STN: 29 Jan 2003

L3 ANSWER 70 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 17  
AN 2002:185604 BIOSIS  
DN PREV200200185604  
TI Impairment in hippocampal long-term \*\*\*potentiation\*\*\* in mice  
under-expressing the Alzheimer's disease related gene \*\*\*presenilin\*\*\*  
-1.  
AU Morton, Robin A.; Kuenzi, Frederick M.; Fitzjohn, Stephen M.; Rosahl,  
Thomas W.; Smith, David; Zheng, Hui; Shearman, Mark; Collingridge, Graham  
L.; Seabrook, Guy R. [Reprint author]  
CS Neuroscience Research Centre, Merck Sharp and Dohme Research Laboratories,  
Terlings Park, Eastwick Road, Harlow, Essex, CM20 2QR, UK  
guy\_seabrook@merck.com  
SO Neuroscience Letters, (February 8, 2002) Vol. 319, No. 1, pp. 37-40.  
print.  
CODEN: NELED5. ISSN: 0304-3940.  
DT Article  
LA English  
ED Entered STN: 6 Mar 2002  
Last Updated on STN: 6 Mar 2002

L3 ANSWER 71 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2002:710432 CAPLUS  
DN 138:104442  
TI Toxicity of APP fragments  
AU Suh, Yoo-Hun; Seo, Ji-Heui; Xu, Yanji; Heo, Chaejeong; Kim, Najung; Choi,  
Jun Ho; Choi, Se Hoon; Rah, Jong-Cheol; Chang, Keun-A.; Suh, Won-Hyuk  
CS Dept. of Pharmacol., Coll. of Med., National Creative Research Initiative  
Center for Alzheimer's Dementia and Neuroscience Research Institute, MRC,  
Seoul Nat'l Univ., Seoul, 110-799, S. Korea  
SO Advances in Behavioral Biology (2002), 51(Mapping the Progress of  
Alzheimer's and Parkinson's Disease), 19-25  
CODEN: ADBBBW; ISSN: 0099-6246  
PB Plenum Publishing Corp.  
DT Journal; General Review  
LA English

RE.CNT 31 THERE ARE 31 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 72 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:315226 BIOSIS  
DN PREV200300315226  
TI CAPACITATIVE CALCIUM ENTRY TRIGGERS LONG TERM \*\*\*POTENTIATION\*\*\* IN  
\*\*\*PRESENILIN\*\*\* - 1 CONDITIONAL KNOCKOUT MICE.  
AU Ris, L. [Reprint Author]; Dewachter, I.; Godaux, E. [Reprint Author]; Van  
Leuven, F.  
CS Neurosciences, University of Mons-Hainaut, Mons, Belgium  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 593.18. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.  
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 9 Jul 2003  
Last Updated on STN: 9 Jul 2003

L3 ANSWER 73 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:304269 BIOSIS  
DN PREV200300304269  
TI ELECTROPHYSIOLOGICAL STUDIES IN TRANSGENIC ALZHEIMER MICE.  
AU Bohme, G. A. [Reprint Author]; Laville, M. [Reprint Author]; Pradier, L.  
[Reprint Author]; Rooney, T. [Reprint Author]  
CS Paris Research Center, Neurodegenerative Disease Grp, Aventis Pharma S.A.,  
Vitry-Sur-Seine, France  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 444.14. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.  
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
DT Conference; (Meeting)  
Conference; (Meeting Poster)  
Conference; Abstract; (Meeting Abstract)  
LA English

ED Entered STN: 2 Jul 2003  
Last Updated on STN: 2 Jul 2003

L3 ANSWER 74 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2003:282699 BIOSIS  
DN PREV200300282699  
TI EXAMINATION OF SYNAPTIC TRANSMISSION AND LONG - TERM \*\*\*POTENTIATION\*\*\*  
IN APP/PS1 DOUBLE KNOCK - IN MICE.  
AU Chang, E. H. [Reprint Author]; Flood, D. G.; Savage, M. J.; Huerta, P. T.  
[Reprint Author]  
CS Ctr Neural Sci, New York Univ, New York, NY, USA  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 191.18. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.  
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 19 Jun 2003  
Last Updated on STN: 19 Jun 2003

L3 ANSWER 75 OF 122 USPATFULL on STN  
AN 2001:215066 USPATFULL  
TI Agents for use in the treatment of Alzheimer's disease  
IN Bush, Ashley I., Somerville, MA, United States  
Huang, Xudong, Cambridge, MA, United States  
Atwood, Craig S., Somerville, MA, United States  
Tanzi, Rudolph E., Canton, MA, United States  
PA The General Hospital Corporation, Boston, MA, United States (U.S.  
corporation)  
PI US 6323218 B1 20011127  
AI US 1998-38154 19980311 (9)  
DT Utility  
FS GRANTED  
LN.CNT 4192  
INCL INCLM: 514/311.000  
INCLS: 514/244.000; 514/420.000; 514/707.000  
NCL NCLM: 514/311.000  
NCLS: 514/244.000; 514/420.000; 514/707.000  
IC [7]  
ICM: A61K031-47  
ICS: A61K031-53; A61K031-40; A61K031-105  
EXF 514/311; 514/244; 514/420; 514/707  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 76 OF 122 USPATFULL on STN  
AN 2001:56082 USPATFULL  
TI Amyloid .beta. protein (globular assembly and uses thereof)  
IN Kraft, Grant A., Glenview, IL, United States  
Klein, William L., Winnetka, IL, United States  
Chromy, Brett A., Evanston, IL, United States  
Lambert, Mary P., Glenview, IL, United States  
Finch, Caleb E., Altadena, CA, United States  
Morgan, Todd, Manhattan Beach, CA, United States  
Wals, Pat, Los Angeles, CA, United States  
Rozovsky, Irina, Pasadena, CA, United States  
Barlow, Ann, Evanston, IL, United States  
PA Northwestern University, Evanston, IL, United States (U.S. corporation)  
University of Southern California, Los Angeles, CA, United States (U.S.  
corporation)  
PI US 6218506 B1 20010417  
AI US 1997-796089 19970205 (8)  
DT Utility  
FS Granted  
LN.CNT 941  
INCL INCLM: 530/324.000  
INCLS: 530/350.000; 514/012.000; 436/086.000  
NCL NCLM: 530/324.000  
NCLS: 436/086.000; 530/350.000  
IC [7]  
ICM: A61K038-16  
ICS: C07K014-435  
EXF 530/324; 530/350; 514/12; 436/86  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 77 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 18  
AN 2001:272216 BIOSIS  
DN PREV200100272216  
TI Mutant \*\*\*presenilins\*\*\* disturb neuronal calcium homeostasis in the brain of transgenic mice, decreasing the threshold for excitotoxicity and facilitating long-term \*\*\*potentiation\*\*\*.  
AU Schneider, Ilka; Reverse, Delphine; Dewachter, Ilse; Ris, Laurence; Caluwaerts, Nathalie; Kuiperi, Cuno; Gilis, Martine; Geerts, Hugo; Kretzschmar, Hans; Godaux, Emile; Moehars, Dieder; Van Leuven, Fred [Reprint author]; Herms, Jochen  
CS Experimental Genetics Group, Center for Human Genetics, Katholieke Universiteit Leuven, Campus Gasthuisberg O and N 06, B-3000, Leuven, Belgium  
fredvl@med.kuleuven.ac.be  
SO Journal of Biological Chemistry, (April 13, 2001) Vol. 276, No. 15, pp. 11539-11544. print.  
CODEN: JBCHA3. ISSN: 0021-9258.

DT Article  
LA English  
ED Entered STN: 6 Jun 2001  
Last Updated on STN: 19 Feb 2002

L3 ANSWER 78 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:529482 SCISEARCH  
GA The Genuine Article (R) Number: 445JP  
TI Age-related impairment of synaptic transmission but normal long-term \*\*\*potentiation\*\*\* in transgenic mice that overexpress the human APP695SWE mutant form of amyloid precursor protein  
AU Fitzjohn S M (Reprint); Morton R A; Kuenzi F; Rosahl T W; Shearman M; Lewis H; Smith D; Reynolds D S; Davies C H; Collingridge G L; Seabrook G R  
CS Univ Bristol, Sch Med Sci, Dept Anat, MRC, Ctr Synapt Plast, Univ Walk, Bristol BS8 1TD, Avon, England (Reprint); Univ Bristol, Sch Med Sci, Dept Anat, MRC, Ctr Synapt Plast, Bristol BS8 1TD, Avon, England; Univ Edinburgh, Dept Pharmacol, Edinburgh EH8 9JZ, Midlothian, Scotland; Merck Sharp & Dohme Ltd, Neurosci Res Ctr, Res Labs, Harlow CM20 2QR, Essex, England  
CYA England; Scotland  
SO JOURNAL OF NEUROSCIENCE, (1 JUL 2001) Vol. 21, No. 13, pp. 4691-4698.  
Publisher: SOC NEUROSCIENCE, 11 DUPONT CIRCLE, NW, STE 500, WASHINGTON, DC 20036 USA.  
ISSN: 0270-6474.  
DT Article; Journal  
LA English  
REC Reference Count: 41  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 79 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:498232 BIOSIS  
DN PREV200100498232  
TI APP processing, Notch signalling and synaptic plasticity in conditional \*\*\*presenilin\*\*\* -1 KO mice.  
AU Shen, J. [Reprint author]; Yu, H. [Reprint author]; Saura, C. A. [Reprint author]; Choi, S.; Sun, L.; Yang, X. [Reprint author]; Handler, M. [Reprint author]; Kawarabayashi, T.; Wilson, M.; Younkin, S.; Kandel, E.; Kirkwood, A.  
CS Center for Neurologic Diseases, Harvard Med Sch, Boston, MA, USA  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 925. print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San Diego, California, USA. November 10-15, 2001.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 24 Oct 2001  
Last Updated on STN: 23 Feb 2002

L3 ANSWER 80 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:109922 BIOSIS  
DN PREV200100109922  
TI \*\*\*presenilin\*\*\* -1 mutations reduce cytoskeletal association, deregulate neurite growth, and potentiate neuronal dystrophy and tau phosphorylation.  
AU Pigino, Gustavo; Pelsman, Alejandra; Mori, Hiroshi; Busciglio, Jorge [Reprint author]  
CS Department of Neuroscience, University of Connecticut Health Center, 263

SO Farmington Avenue, Farmington, CT, 06030, USA  
busciglio@nso1.uchc.edu

SO Journal of Neuroscience, (February 1, 2001) Vol. 21, No. 3, pp. 834-842.  
print.

DT CODEN: JNRSDS. ISSN: 0270-6474.

LA Article

LA English

ED Entered STN: 28 Feb 2001  
Last Updated on STN: 15 Feb 2002

L3 ANSWER 81 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 19

AN 2001:478593 BIOSIS

DN PREV200100478593

TI APP processing and synaptic plasticity in \*\*\*Presenilin\*\*\* -1  
conditional knockout mice.

AU Yu, Huakui; Saura, Carlos A.; Choi, Se-Young; Sun, Linus D.; Yang, Xudong;  
Handler, Melissa; Kawarabayashi, Takeshi; Younkin, Linda; Fedele, Bogdan;  
Wilson, Matthew A.; Younkin, Steve; Kandel, Eric R.; Kirkwood, Alfredo;  
Shen, Jie [Reprint author]

CS Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard  
Medical School, Boston, MA, 02115, USA  
jshen@rics.bwh.harvard.edu

SO Neuron, (September 13, 2001) Vol. 31, No. 5, pp. 713-726. print.  
ISSN: 0896-6273.

DT Article

LA English

ED Entered STN: 10 Oct 2001  
Last Updated on STN: 23 Feb 2002

L3 ANSWER 82 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
2001:418210 SCISEARCH

GA The Genuine Article (R) Number: 432WJ

TI Genes, models and Alzheimer's disease

AU Chapman P F (Reprint); Falinska A M; Knevett S G; Ramsay M F

CS Cardiff Univ, Cardiff Sch Biosci, Biomed Sci Bldg, POB 911, Cardiff CF10  
3US, S Glam, Wales (Reprint); Cardiff Univ, Cardiff Sch Biosci, Cardiff  
CF10 3US, S Glam, Wales

CYA Wales

SO TRENDS IN GENETICS, (MAY 2001) Vol. 17, No. 5, pp. 254-261.  
Publisher: ELSEVIER SCIENCE LONDON, 84 THEOBALDS RD, LONDON WC1X 8RR,  
ENGLAND.  
ISSN: 0168-9525.

DT General Review; Journal

LA English

REC Reference Count: 76  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 83 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
RESERVED. on STN

AN 2001142257 EMBASE

TI Molecular mechanism of deposition of amyloid .beta.-protein.

AU Yanagisawa K.

CS K. Yanagisawa, Department of Dementia Research, Natl. Inst. for Longevity  
Sciences, 36-3 Gengo, Morioka, obu 474-8522, Japan

SO Brain and Nerve, (2001) 53/3 (227-233).  
Refs: 35  
ISSN: 0006-8969 CODEN: NOTOA6

CY Japan

DT Journal; General Review

FS 005 General Pathology and Pathological Anatomy  
008 Neurology and Neurosurgery

LA Japanese

L3 ANSWER 84 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 20  
2001:588332 CAPLUS  
136:181313

TI Modelling Alzheimer's disease in multiple transgenic mice

AU Dewachter, Ilse; Moechars, Dieder; Van Dorpe, Jo; Tesseur, Ina; Van den  
Haute, Chris; Spittaels, Kurt; Van Leuven, Fred

CS Experimental Genetics Group, Center for Human Genetics, Flemish Institute  
for Biotechnology (VIB), K. U. Leuven, Louvain, B-3000, Belg.

SO Biochemical Society Symposia (2001), 67(Neuronal Signal Transduction and  
Alzheimer's Disease), 203-210  
CODEN: BSSYAT; ISSN: 0067-8694

PB Portland Press Ltd.

DT Journal; General Review  
LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 85 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:791805 SCISEARCH  
GA The Genuine Article (R) Number: BS87Q  
TI Modelling Alzheimer's disease in multiple transgenic mice  
AU Dewachter I; Moechars D; van Dorpe J; Tesseur I; Van den Haute C;  
Spittaels K; Van Leuven F (Reprint)  
CS Flemish Inst Biotechnol, Ctr Human Genet, Expt Genet Grp, KU Leuven  
Campus, Gasthuisberg, B-3000 Louvain, Belgium (Reprint); Flemish Inst  
Biotechnol, Ctr Human Genet, Expt Genet Grp, B-3000 Louvain, Belgium  
CYA Belgium  
SO NEURONAL SIGNAL TRANSDUCTION AND ALZHEIMER'S DISEASE, (27 SEP 2001) No.  
67, pp. 203-210.  
Publisher: PORTLAND PRESS LTD, 59 PORTLAND PL, LONDON W1N 3AJ, ENGLAND.  
ISSN: 0067-8694.  
DT Article; Journal  
LA English  
REC Reference Count: 18  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 86 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:276504 SCISEARCH  
GA The Genuine Article (R) Number: 414BC  
TI Say NO to Alzheimer's disease: the putative links between nitric oxide and  
dementia of the Alzheimer's type  
AU Law A; Gauthier S; Quirion R (Reprint)  
CS Douglas Hosp, Res Ctr, Verdun, PQ H4H 1R3, Canada (Reprint); McGill Univ,  
Dept Psychiat, Montreal, PQ H3B 2A1, Canada; McGill Univ, Dept Neurol &  
Neurosurg, Montreal, PQ H3B 2A1, Canada  
CYA Canada  
SO BRAIN RESEARCH REVIEWS, (MAR 2001) Vol. 35, No. 1, pp. 73-96.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM,  
NETHERLANDS.  
ISSN: 0165-0173.  
DT General Review; Journal  
LA English  
REC Reference Count: 469  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 87 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:117886 SCISEARCH  
GA The Genuine Article (R) Number: 397PF  
TI The role of Alzheimer's disease-related \*\*\*presenilin\*\*\* 1 in  
intercellular adhesion  
AU Singh N; Talalayeva Y; Tsiper M; Romanov V; Dranovsky A; Colflesh D;  
Rudamen G; Vitek M P; Shen J; Yang X D; Goldgaber D; Schwarzman A L  
(Reprint)  
CS SUNY Stony Brook, Dept Psychiat, HSC, T-10, Stony Brook, NY 11794 USA  
(Reprint); SUNY Stony Brook, Dept Psychiat, HSC, Stony Brook, NY 11794  
USA; SUNY Stony Brook, Dept Med, Stony Brook, NY 11794 USA; SUNY Stony  
Brook, UMIC, Stony Brook, NY 11794 USA; Duke Univ, Med Ctr, Dept Neurol,  
Durham, NC 27710 USA; Brigham & Womens Hosp, Ctr Neurol Dis, Boston, MA  
02115 USA  
CYA USA  
SO EXPERIMENTAL CELL RESEARCH, (1 FEB 2001) Vol. 263, No. 1, pp. 1-13.  
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA  
92101-4495 USA.  
ISSN: 0014-4827.  
DT Article; Journal  
LA English  
REC Reference Count: 87  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 88 OF 122 USPATFULL on STN  
AN 2000:137814 USPATFULL  
TI Allelic polygene diagnosis of reward deficiency syndrome and treatment  
IN Blum, Kenneth, San Antonio, TX, United States  
PA City of Hope National Medical Center, Duarte, CA, United States (U.S.  
corporation)  
PI The University of Texas System AMD Board of Regents, Austin, TX, United  
States (U.S. corporation)  
US 6132724 20001017

AI US 1998-69886 19980429 (9)  
DT Utility  
FS Granted  
LN.CNT 20845  
INCL INCLM: 424/195.100  
INCLS: 514/188.000; 514/561.000  
NCL NCLM: 424/725.000  
NCLS: 514/188.000; 514/561.000  
IC [7]  
EXF ICM: A61K035-78  
514/188; 514/561; 424/195.1

L3 ANSWER 89 OF 122 USPATFULL on STN  
AN 2000:124823 USPATFULL  
TI Human Delta3 nucleic acid molecules  
IN McCarthy, Sean Anthony, Boston, MA, United States  
Gearing, David Paul, Wellesley, MA, United States  
PA Millennium Biotherapeutics, Inc., Cambridge, MA, United States (U.S.  
corporation)  
PI US 6121045 20000919  
AI US 1997-872855 19970611 (8)  
RLI Continuation-in-part of Ser. No. US 1997-832633, filed on 4 Apr 1997,  
now abandoned  
DT Utility  
FS Granted  
LN.CNT 5656  
INCL INCLM: 435/325.000  
INCLS: 435/320.100; 435/252.300; 435/254.110; 536/023.500  
NCL NCLM: 435/325.000  
NCLS: 435/252.300; 435/254.110; 435/320.100; 536/023.500  
IC [7]  
ICM: C07H021-04  
ICS: C12N015-63; C12N015-85  
EXF 435/70.1; 435/243; 435/252.3; 435/325; 435/320.1; 435/6; 435/254.11;  
536/23.1; 536/23.5; 536/24.3; 536/24.31; 536/24.33; 536/235  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 90 OF 122 USPATFULL on STN  
AN 2000:12606 USPATFULL  
TI Method for identifying substances that affect the interaction of a  
\*\*\*presenilin\*\*\* -1-interacting protein with a mammalian  
\*\*\*presenilin\*\*\* -1 protein  
IN St. George-Hyslop, Peter H., Toronto, Canada  
Rommens, Johanna M., Toronto, Canada  
Fraser, Paul E., Toronto, Canada  
PA Research and Development Limited Partnership, Toronto, Canada (non-U.S.  
corporation)  
PI US 6020143 20000201  
AI US 1997-888077 19970703 (8)  
RLI Continuation-in-part of Ser. No. US 1996-592541, filed on 26 Jan 1996  
PRAI US 1996-21673P 19960705 (60)  
US 1996-21700P 19960712 (60)  
US 1996-29895P 19961108 (60)  
US 1997-34590P 19970102 (60)  
DT Utility  
FS Granted  
LN.CNT 7847  
INCL INCLM: 435/007.100  
INCLS: 530/350.000  
NCL NCLM: 435/007.100  
NCLS: 530/350.000  
IC [6]  
ICM: C12Q001-00  
ICS: C07K014-00  
EXF 435/7.1; 530/350  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 91 OF 122 USPATFULL on STN  
AN 2000:1862 USPATFULL  
TI Vasoactive effects and free radical generation by .beta.-amyloid  
peptides  
IN Thomas, Thomas N., Palm Harbor, FL, United States  
Mullan, Michael, Tampa, FL, United States  
Arendash, Gary W., Lutz, FL, United States  
Crawford, Fiona C., Tampa, FL, United States  
Suo, Zhiming, Tampa, FL, United States

PA University of South Florida, Tampa, FL, United States (U.S. corporation)  
PI US 6011019 20000104  
AI US 1996-747457 19961112 (8)  
RLI Continuation-in-part of Ser. No. US 1996-615593, filed on 12 Mar 1996  
DT Utility  
FS Granted  
LN.CNT 2634  
INCL INCLM: 514/043.000  
INCLS: 424/718.000; 424/094.400  
NCL NCLM: 514/043.000  
NCLS: 424/094.400; 424/718.000  
IC [6]  
EXF ICM: A01N043-04  
514/43; 424/718; 424/94.4  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 92 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2000:747909 SCISEARCH  
GA The Genuine Article (R) Number: 358VM  
TI A protective role of the low density lipoprotein receptor-related protein  
against amyloid beta-protein toxicity  
AU VanUden E; Sagara Y; VanUden J; Orlando R; Mallory M; Rockenstein E;  
Masliah E (Reprint)  
CS UNIV CALIF SAN DIEGO, SCH MED, DEPT NEUROSCI, LA JOLLA, CA 92093  
(Reprint); UNIV CALIF SAN DIEGO, SCH MED, DEPT NEUROSCI, LA JOLLA, CA  
92093; UNIV CALIF SAN DIEGO, SCH MED, DEPT MED, LA JOLLA, CA 92093; UNIV  
CALIF SAN DIEGO, SCH MED, DEPT PATHOL, LA JOLLA, CA 92093  
CYA USA  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (29 SEP 2000) Vol. 275, No. 39, pp.  
30525-30530.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814.  
ISSN: 0021-9258.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 47  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 93 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 21  
AN 2000:308878 BIOSIS  
DN PREV200000308878  
TI Capacitative calcium entry deficits and elevated luminal calcium content  
in mutant \*\*\*presenilin\*\*\* -1 knockin mice.  
AU Leissring, Malcolm A.; Akbari, Yama; Fanger, Christopher M.; Cahalan,  
Michael D.; Mattson, Mark P.; LaFerla, Frank M. [Reprint author]  
CS Department of Neurobiology and Behavior, University of California Irvine,  
1109 Gillespie Neuroscience Research Facility, Irvine, CA, 92697-4545, USA  
SO Journal of Cell Biology, (May 15, 2000) Vol. 149, No. 4, pp. 793-797.  
print.  
CODEN: JCLBA3. ISSN: 0021-9525.  
DT Article  
LA English  
ED Entered STN: 19 Jul 2000  
Last Updated on STN: 7 Jan 2002

L3 ANSWER 94 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2000:728687 SCISEARCH  
GA The Genuine Article (R) Number: 356GL  
TI Emerging neuroprotective strategies for Alzheimer's disease: dietary  
restriction, telomerase activation, and stem cell therapy  
AU Mattson M P (Reprint)  
CS NIA, LAB NEUROSCI 4F01, 5600 NATHAN SHOCK DR, BALTIMORE, MD 21224  
(Reprint)  
CYA USA  
SO EXPERIMENTAL GERONTOLOGY, (JUL 2000) Vol. 35, No. 4, pp. 489-502.  
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
KIDLINGTON, OXFORD OX5 1GB, ENGLAND.  
ISSN: 0531-5565.  
DT General Review; Journal  
FS LIFE  
LA English  
REC Reference Count: 99  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 95 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:365250 BIOSIS  
DN PREV200000365250  
TI A \*\*\*presenilin\*\*\* I mutation linked to human familial Alzheimer's disease does not alter synaptic plasticity in transgenic rats.  
AU Pybus, R. [Reprint author]; Estibeiro, P. [Reprint author]; MacLeod, N. K. [Reprint author]  
CS Dept Biomedical Science, Edinburgh, UK  
SO European Journal of Neuroscience, (2000) vol. 12, No. Supplement 11, pp. 217. print.  
Meeting Info.: Meeting of the Federation of European Neuroscience Societies. Brighton, UK. June 24-28, 2000.  
ISSN: 0953-816X.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 23 Aug 2000  
Last Updated on STN: 8 Jan 2002

L3 ANSWER 96 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 22  
AN 2000:288782 BIOSIS  
DN PREV200000288782  
TI Functional phenotype in transgenic mice expressing mutant human \*\*\*presenilin\*\*\* -1.  
AU Barrow, Paul A.; Empson, Ruth M.; Gladwell, Simon J.; Anderson, Caroline M.; Killick, Richard; Yu, Xin; Jefferys, John G. R. [Reprint author]; Duff, Karen  
CS Department of Neurophysiology, The Medical School, University of Birmingham, Edgbaston, Birmingham, B15 2TT, UK  
SO Neurobiology of Disease, (April, 2000) Vol. 7, No. 2, pp. 119-126. print.  
ISSN: 0969-9961.  
DT Article  
LA English  
ED Entered STN: 6 Jul 2000  
Last Updated on STN: 7 Jan 2002

L3 ANSWER 97 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2001:25200 SCISEARCH  
GA The Genuine Article (R) Number: 385VT  
TI Animal models of Alzheimer's disease and evaluation of anti-dementia drugs  
AU Yamada K; Nabeshima T (Reprint)  
CS Nagoya Univ, Grad Sch Med, Dept Neuropsychopharmacol, Showa Ku, Nagoya, Aichi 4668560, Japan (Reprint); Nagoya Univ, Hosp Pharm, Grad Sch Med, Showa Ku, Nagoya, Aichi 4668560, Japan  
CYA Japan  
SO PHARMACOLOGY & THERAPEUTICS, (NOV 2000) Vol. 88, No. 2, pp. 93-113.  
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE, KIDLINGTON, OXFORD OX5 1GB, ENGLAND.  
ISSN: 0163-7258.  
DT General Review; Journal  
LA English  
REC Reference Count: 281  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 98 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 2000:622400 SCISEARCH  
GA The Genuine Article (R) Number: 343PJ  
TI Transgenic mouse models of Alzheimer's disease  
AU Janus C; Chishti M A; Westaway D (Reprint)  
CS UNIV TORONTO, CTR RES NEURODEGENERAT DIS, TANZ NEUROSCI BLDG, 6 QUEENS PK CRESCENT W, TORONTO, ON M5S 3H2, CANADA (Reprint); UNIV TORONTO, CTR RES NEURODEGENERAT DIS, TORONTO, ON M5S 3H2, CANADA; UNIV TORONTO, DEPT LAB MED & PATHOBIOLOG, TORONTO, ON M5S 3H2, CANADA  
CYA CANADA  
SO BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR BASIS OF DISEASE, (26 JUL 2000) Vol. 1502, No. 1, pp. 63-75.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.  
ISSN: 0925-4439.  
DT General Review; Journal  
FS LIFE  
LA English  
REC Reference Count: 111

L3 ANSWER 99 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 23  
AN 2000:243251 BIOSIS  
DN PREV200000243251  
TI Enhanced synaptic \*\*\*potentiation\*\*\* in transgenic mice expressing  
\*\*\*presenilin\*\*\* 1 familial Alzheimer's disease mutation is normalized  
with a benzodiazepine.  
AU Zaman, Shahid H.; Parent, Angele; Laskey, Aaron; Lee, Michael K.;  
Borchelt, David R.; Sisodia, Sangram S.; Malinow, Roberto [Reprint author]  
CS Cold Spring Harbor Laboratory, Cold Spring Harbor, NY, 11724-0100, USA  
SO Neurobiology of Disease, (Feb., 2000) Vol. 7, No. 1, pp. 54-63. print.  
ISSN: 0969-9961.  
DT Article  
LA English  
ED Entered STN: 14 Jun 2000  
Last Updated on STN: 5 Jan 2002

L3 ANSWER 100 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2001:92360 BIOSIS  
DN PREV200100092360  
TI Altered calcium signaling in cells lacking \*\*\*presenilin\*\*\* -associated  
gamma-secretase activity.  
AU Leissring, M. A. [Reprint author]; Haig, B. R.; LaFerla, F. M.  
CS University of California, Irvine, CA, USA  
SO Society for Neuroscience Abstracts, (2000) Vol. 26, No. 1-2, pp. Abstract  
No.-474.7. print.  
Meeting Info.: 30th Annual Meeting of the Society of Neuroscience. New  
Orleans, LA, USA. November 04-09, 2000. Society for Neuroscience.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 21 Feb 2001  
Last Updated on STN: 12 Feb 2002

L3 ANSWER 101 OF 122 USPATFULL on STN  
AN 1999:146629 USPATFULL  
TI Treatment of neurodegenerative conditions with nimesulide  
IN Pasinetti, Giulio M., 134 E. 93.sup.rd St., New York, NY, United States  
10028  
Aisen, Paul S., 26 Broadmoor Rd., Scarsdale, NY, United States 10583  
PI US 5985930 19991116  
AI US 1997-831402 19970401 (8)  
PRAI US 1996-33332P 19961121 (60)  
DT Utility  
FS Granted  
LN.CNT 671  
INCL INCLM: 514/607.000  
NCL NCLM: 514/607.000  
IC [6]  
ICM: A61K031-16  
EXF 514/607  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 102 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 24  
AN 1999:180714 BIOSIS  
DN PREV199900180714  
TI Alzheimer's \*\*\*presenilin\*\*\* -1 mutation potentiates inositol  
1,4,5-trisphosphate-mediated calcium signaling in Xenopus oocytes.  
AU Leissring, Malcolm A.; Paul, Brooke A.; Parker, Ian; Cotman, Carl W.;  
LaFerla, Frank M. [Reprint author]  
CS Laboratory of Molecular Neuropathogenesis, Department of Psychobiology,  
University of California at Irvine, 1109 Gillespie Neuroscience Facility,  
Irvine, CA, 92697-4545, USA  
SO Journal of Neurochemistry, (March, 1999) Vol. 72, No. 3, pp. 1061-1068.  
print.  
CODEN: JONRA9. ISSN: 0022-3042.  
DT Article  
LA English  
ED Entered STN: 5 May 1999  
Last Updated on STN: 5 May 1999

L3 ANSWER 103 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:144700 BIOSIS  
DN PREV200000144700

TI Selective disruption of late-phase LTP in mice under-expressing  
\*\*\*presenilin\*\*\* -1.

AU Morton, R. A. [Reprint author]; Kuenzi, F.; Fitzjohn, S. M. [Reprint author]; Rosahl, T. W. [Reprint author]; Zheng, H. [Reprint author]; Coan, E. J. [Reprint author]; Collingridge, G. L. [Reprint author]; Seabrook, G. R.

CS Department of Anatomy, University of Bristol, Bristol, BS8 1TD, UK

SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 990.  
print.

Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami Beach, Florida, USA. October 23-28, 1999. Society for Neuroscience.  
ISSN: 0190-5295.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 19 Apr 2000  
Last Updated on STN: 4 Jan 2002

L3 ANSWER 104 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:827634 SCISEARCH  
GA The Genuine Article (R) Number: 249AC

TI Protective effects of asiaticoside derivatives against beta-amyloid neurotoxicity

AU Inhee M J; Shin J E; Yun S H; Huh K; Koh J Y; Park H K; Jew S S (Reprint);  
Jung M W

CS AJOU UNIV, SCH MED, INST MED SCI, NEUROSCI LAB, SUWON 442721, SOUTH KOREA  
(Reprint); AJOU UNIV, SCH MED, INST MED SCI, NEUROSCI LAB, SUWON 442721,  
SOUTH KOREA; AJOU UNIV, SCH MED, BRAIN DIS RES CTR, SUWON 442721, SOUTH  
KOREA; AJOU UNIV, SCH MED, DEPT NEUROL, SUWON 442721, SOUTH KOREA; UNIV  
ULSAN, NATL CREAT RES INITIAT CTR CNS ZINC STUDY GRP, SEOUL, SOUTH KOREA;  
SEOUL NATL UNIV, SCH PHARMACOL, RES CTR NEW DRUGS DEV, SEOUL, SOUTH KOREA  
SOUTH KOREA

CYA SO JOURNAL OF NEUROSCIENCE RESEARCH, (1 NOV 1999) Vol. 58, No. 3, pp.  
417-425.  
Publisher: WILEY-LISS, DIV JOHN WILEY & SONS INC, 605 THIRD AVE, NEW YORK,  
NY 10158-0012.  
ISSN: 0360-4012.

DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 31  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 105 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:246184 SCISEARCH  
GA The Genuine Article (R) Number: 179EN

TI Mechanisms contributing to the deficits in hippocampal synaptic plasticity  
in mice lacking amyloid precursor protein

AU Seabrook G R (Reprint); Smith D W; Bowery B J; Easter A; Reynolds T;  
Fitzjohn S M; Morton R A; Zheng H; Dawson G R; Sirinathsinghji D J S;  
Davies C H; Collingridge G L; Hill R G

CS MERCK SHARP & DOHME RES LABS, CTR RES NEUROSCI, TERLINGS P, EASTWICK RD,  
HARLOW CM20 2QR, ESSEX, ENGLAND (Reprint); UNIV BRISTOL, DEPT ANAT,  
BRISTOL BS8 1TD, AVON, ENGLAND; UNIV EDINBURGH, DEPT PHARMACOL, EDINBURGH  
EH8 9JZ, MIDLOTHIAN, SCOTLAND; MERCK RES LABS, RAHWAY, NJ  
ENGLAND; SCOTLAND; USA

CYA SO NEUROPHARMACOLOGY, (MAR 1999) Vol. 38, No. 3, pp. 349-359.  
Publisher: PERGAMON-ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
KIDLINGTON, OXFORD OX5 1GB, ENGLAND.  
ISSN: 0028-3908.

DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 27  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 106 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:594998 SCISEARCH  
GA The Genuine Article (R) Number: 220TX

TI Impaired synaptic plasticity and learning in aged amyloid precursor  
protein transgenic mice

AU Chapman P F; White G L; Jones M W; CooperBlacketer D; Marshall V J;  
Irizarry M; Younkin L; Good M A; Bliss T V P; Hyman B T; Younkin S G;  
Hsiao K K (Reprint)

CS UNIV MINNESOTA, SCH MED, DEPT NEUROL, MINNEAPOLIS, MN 55455 (Reprint);  
UNIV MINNESOTA, SCH MED, DEPT NEUROL, MINNEAPOLIS, MN 55455; UNIV WALES

COLL CARDIFF, CARDIFF BUSINESS SCH, CARDIFF CF1 3US, S GLAM, WALES; NATL INST MED RES, DIV NEUROPHYSIOL, LONDON NW7 1AA, ENGLAND; MASSACHUSETTS GEN HOSP, DEPT NEUROL, BOSTON, MA 02114; MAYO CLIN JACKSONVILLE, JACKSONVILLE, FL 32224; UNIV WALES COLL CARDIFF, SCH PSYCHOL, CARDIFF CF1 3US, S GLAM, WALES

CY A USA; WALES; ENGLAND  
SO NATURE NEUROSCIENCE, (MAR 1999) Vol. 2, No. 3, pp. 271-276.  
Publisher: NATURE AMERICA INC, 345 PARK AVE SOUTH, NEW YORK, NY 10010-1707.  
ISSN: 1097-6256.

DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 32  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 107 OF 122 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS RESERVED. on STN DUPLICATE 25  
AN 1999344653 EMBASE  
TI Caspase and calpain substrates: Roles in synaptic plasticity and cell death.  
AU Chan S.L.; Mattson M.P.  
CS M.P. Mattson, 211 Sanders-Brown Building, 800 South Limestone Street, Lexington, KY 40536, United States. mmattson@aging.coa.uky.edu  
SO Journal of Neuroscience Research, (1 Oct 1999) 58/1 (167-190).  
Refs: 331  
ISSN: 0360-4012 CODEN: JNREDK

CY United States  
DT Journal; Article  
FS 008 Neurology and Neurosurgery  
LA English  
SL English

L3 ANSWER 108 OF 122 CAPLUS COPYRIGHT 2004 ACS on STN DUPLICATE 26  
AN 1999:178554 CAPLUS  
DN 131:3767  
TI Synaptic transmission and hippocampal long-term \*\*\*potentiation\*\*\* in transgenic mice expressing FAD-linked \*\*\*presenilin\*\*\* 1  
AU Parent, Angele; Linden, David J.; Sisodia, Sangram S.; Borchelt, David R.  
CS Department of Neuroscience, Johns Hopkins University School of Medicine, Baltimore, MD, USA  
SO Neurobiology of Disease (1999), 6(1), 56-62  
CODEN: NUDIEM; ISSN: 0969-9961  
PB Academic Press  
DT Journal  
LA English

RE.CNT 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 109 OF 122 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:703099 SCISEARCH  
GA The Genuine Article (R) Number: 234GY  
TI Alterations in synaptic transmission and long-term \*\*\*potentiation\*\*\* in hippocampal slices from young and aged PDAPP mice  
AU Larson J (Reprint); Lynch G; Games D; Seubert P  
CS UNIV ILLINOIS, COLL MED, DEPT PSYCHIAT, PSYCHIAT INST MC 912, 1601 W TAYLOR ST, CHICAGO, IL 60612 (Reprint); UNIV CALIF IRVINE, CTR NEUROBIOL LEARNING & MEMORY, IRVINE, CA 92697; UNIV CALIF IRVINE, DEPT PSYCHIAT & HUMAN BEHAV, IRVINE, CA 92697; ELAN PHARMACEUT, S SAN FRANCISCO, CA 94080; UNIV ILLINOIS, COLL MED, DEPT PSYCHIAT, INST PSYCHIAT, CHICAGO, IL 61612

CY A USA  
SO BRAIN RESEARCH, (4 SEP 1999) Vol. 840, No. 1-2, pp. 23-35.  
Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS.  
ISSN: 0006-8993.

DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 34  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L3 ANSWER 110 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
DUPLICATE 27  
AN 1999:199818 BIOSIS  
DN PREV199900199818  
TI Transgenic animals relevant to Alzheimer's disease.

AU Seabrook, Guy R. [Reprint author]; Rosahl, Thomas W.  
CS Neuroscience Research Centre, Merck Sharp and Dohme Research Laboratories,  
Terlings Park, Eastwick Road, Harlow, Essex, CM20 2QR, UK  
SO Neuropharmacology, (Jan., 1999) Vol. 38, No. 1, pp. 1-17. print.  
CODEN: NEPHBW. ISSN: 0028-3908.

DT Article  
LA English  
ED Entered STN: 25 May 1999  
Last Updated on STN: 25 May 1999

L3 ANSWER 111 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:48490 BIOSIS  
DN PREV199900048490  
TI The effects of \*\*\*presenilin\*\*\* 1 mutations on synaptic physiology  
assessed in transgenic mouse models.  
AU Zaman, S. H. [Reprint author]; Parent, A.; Laskey, A. [Reprint author];  
Lee, M. K.; Borchelt, D. R.; Sisodia, S.; Malinow, R. [Reprint author]  
CS Cold Spring Harbor Lab., CSH, NY 11724, USA  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 471.  
print.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part  
1. Los Angeles, California, USA. November 7-12, 1998. Society for  
Neuroscience.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 10 Feb 1999  
Last Updated on STN: 10 Feb 1999

L3 ANSWER 112 OF 122 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:527642 BIOSIS  
DN PREV199799826845  
TI Alteration of long-term synaptic plasticity in CA1 hippocampus of  
transgenic mice expressing FAD-linked \*\*\*presenilin\*\*\* 1.  
AU Borchelt, D. R. [Reprint author]; Parent, A. R.; Jenkins, N. A.; Copeland,  
N. G.; Price, D. L.; Linden, D. J.; Sisodia, S. S.  
CS Dep. Pathol., Johns Hopkins Univ. Sch. Med., Baltimore, MD 21205, USA  
SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 1176.  
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience. New  
Orleans, Louisiana, USA. October 25-30, 1997.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 12 Dec 1997  
Last Updated on STN: 12 Dec 1997

L3 ANSWER 113 OF 122 CEN COPYRIGHT 2004 ACS on STN  
AN 97:155 CEN  
TI BRINGING BACK THE MEMORIES  
Expanding understanding of Alzheimer's disease drives development of new  
drugs  
AU Brennan, Mairin B.  
SO Chemical & Engineering News, (20 Jan 1997) Vol. 75, No. 3, pp. 29.  
CODEN: CNEAR, ISSN: 0009-2347.  
PB American Chemical Society  
LA English  
WC 3567

L3 ANSWER 114 OF 122 FEDRIP COPYRIGHT 2004 NTIS on STN  
AN 2004:144528 FEDRIP  
NR CRISP 1R01AG21982-01  
TI Gene interactions in a model of Alzheimer's disease  
SF Principal Investigator: LAFERLA, FRANK M; LAFERLA@UIC.EDU, UNIVERSITY OF  
CALIFORNIA, IRVINE, 2205 MCGAUGH HALL  
CSP UNIVERSITY OF CALIFORNIA IRVINE, IRVINE, CALIFORNIA  
CSS Supported By: NATIONAL INSTITUTE ON AGING  
DB 2007 (/01/03)  
FYR 2003  
DE 2006 (/30/08)  
FU New Award (Type 1)  
FS National Institutes of Health

L3 ANSWER 115 OF 122 FEDRIP COPYRIGHT 2004 NTIS on STN  
AN 2004:144396 FEDRIP  
NR CRISP 5R01AG21494-02  
TI Physiology & Pathophysiology of PS1 & FAD-linked Mutants  
SF Principal Investigator: SISODIA, SANGRAM S; SSISODIA@DRUGS.BSD.UCHICAGO.ED  
U, UNIVERSITY OF CHICAGO, 947 E 58TH ST / MC 0926  
CSP UNIVERSITY OF CHICAGO, CHICAGO, ILLINOIS  
CSS Supported By: NATIONAL INSTITUTE ON AGING  
DB 2005 (/01/02)  
FYR 2003  
DE 2004 (/30/07)  
FU Noncompeting Continuation (Type 5)  
FS National Institutes of Health

L3 ANSWER 116 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2003:153083 TOXCENTER  
DN CRISP-2002-AG14451-05S1  
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE  
AU LAMB B T  
CS BTL@PO.CWRU.EDU, CASE WESTERN RESERVE UNIVERSITY, 10900 EUCLID AVE,  
CLEVELAND, OH 44106-4955:OHIO  
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL  
INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING  
SO Crisp Data Base National Institutes of Health.  
DT (Research)  
FS CRISP  
LA English  
ED Entered STN: 20030708  
Last Updated on STN: 20030708

L3 ANSWER 117 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2002:556821 TOXCENTER  
DN CRISP-2000-AG14451-04  
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE  
AU LAMB B T  
CS CASE WESTERN RESERVE UNIVERSIT, 10900 EUCLID AVE, CLEVELAND, OH  
44106-4955:OHIO  
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL  
INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING  
SO Crisp Data Base National Institutes of Health.  
DT (Research)  
FS CRISP  
LA English  
ED Entered STN: 20021200  
Last Updated on STN: 20021200

L3 ANSWER 118 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2002:551474 TOXCENTER  
DN CRISP-1999-AG14451-03  
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE  
AU LAMB B T  
CS CASE WESTERN RESERVE UNIVERSIT, 10900 EUCLID AVE, CLEVELAND, OH  
44106-4955:OHIO  
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL  
INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING  
SO Crisp Data Base National Institutes of Health.  
DT (Research)  
FS CRISP  
LA English  
ED Entered STN: 20021200  
Last Updated on STN: 20021200

L3 ANSWER 119 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2002:546447 TOXCENTER  
DN CRISP-98-AG14451-01  
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE  
AU LAMB B T  
CS CASE WESTERN RESERVE UNIVERSIT, 10900 EUCLID AVE, CLEVELAND, OH  
44106-4955:OHIO  
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL  
INST. OF HEALTH, NATIONAL INSTITUTE ON AGING  
SO Crisp Data Base National Institutes of Health.  
DT (Research)  
FS CRISP  
LA English

ED Entered STN: 20021200  
Last Updated on STN: 20021200

L3 ANSWER 120 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2002:523331 TOXCENTER  
DN CRISP-99-AG14451-02  
TI TRANSGENIC MOUSE MODELS OF ALZHEIMERS DISEASE  
AU LAMB B T  
CS CASE WESTERN RESERVE UNIVERSIT, 10900 EUCLID AVE, CLEVELAND, OH  
44106-4955:OHIO  
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL  
INST. OF HEALTH, NATIONAL INSTITUTE ON AGING  
SO Crisp Data Base National Institutes of Health.  
DT (Research)  
FS CRISP  
LA English  
ED Entered STN: 20021200  
Last Updated on STN: 20021200

L3 ANSWER 121 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2002:556818 TOXCENTER  
DN CRISP-2000-AG14373-030001  
TI MITOCHONDRIAL DNA MUTATIONS IN ALZHEIMER'S AND PARKINSON'S DISEASES  
AU PARKER D W  
CS UNIVERSITY OF VIRGINIA, PO BOX 800394, CHARLOTTESVILLE, VA 22908:VIRGINIA  
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL  
INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING  
SO Crisp Data Base National Institutes of Health.  
DT (Research)  
FS CRISP  
LA English  
ED Entered STN: 20021200  
Last Updated on STN: 20021200

L3 ANSWER 122 OF 122 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 2002:551471 TOXCENTER  
DN CRISP-1999-AG14373-020001  
TI MITOCHONDRIAL DNA MUTATIONS IN ALZHEIMER'S AND PARKINSON'S DISEASES  
AU PARKER D W  
CS UNIVERSITY OF VIRGINIA, PO BOX 394, HSC, CHARLOTTESVILLE, VA  
22908:VIRGINIA  
CSS U.S. DEPT. OF HEALTH AND HUMAN SERVICES; PUBLIC HEALTH SERVICE; NATIONAL  
INSTITUTES OF HEALTH, NATIONAL INSTITUTE ON AGING  
SO Crisp Data Base National Institutes of Health.  
DT (Research)  
FS CRISP  
LA English  
ED Entered STN: 20021200  
Last Updated on STN: 20021200  
STN INTERNATIONAL LOGOFF AT 16:38:16 ON 29 JAN 2004